



DRAFTING *AND* DESIGN SUPPLIES



2015

PRICES EFFECTIVE NOW THROUGH JANUARY 31, 2016

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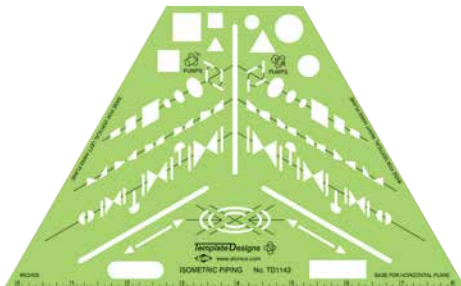
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Heavy-Duty Tracing Paper

Provides high transparency when overlaying drawings. Fine textured surface is good for pencil, pen, and marker. Strong enough to withstand erasure. 37 lb. 5-yard rolls with a 2" core.

No.	Size	SRP
1450-1	18"	\$8.99 rl
1450-2	24"	11.49 rl
1450-3	36"	15.49 rl



Isometric Piping

Contains valves, flanges, elbows, reducers, pumps, and caps.

Size: 8½" x 5¼" x .030".

No. TD1143
SRP \$13.95 ea



Soap Erasers

Dual purpose dry cleaner and general use eraser designed to crumble while removing unwanted marks, keeping the paper surface unscarred. Contains a mild abrasive additive for tough to remove mistakes. Also works well for shading charcoal sketches. 2" x 1" x 1/2". 12/box.

No. 1470AE
SRP \$12.50 bx



6" Master Speed-Bow Compass

Stylish and contemporary design of zinc and matte plastic composition for a lightweight feel. Adjustments are done both by opening the compass and by using the spindle for fine adjustments. Creates circles up to 14" in diameter. Packaged in a hard, see-through plastic case.

No. 204
SRP \$17.25 ea



6" Professional Speed-Bow Compass

Made from zinc alloy with a matte chrome finish. Sturdy push button mechanism allows for quick adjustments, while the red spindle can be used for more finite adjustments. Features a double break leg for precise execution of circles up to 12" in diameter. Includes replacement lead. Packaged in a hard, see-through plastic case.

No. 205
SRP \$19.95 ea



Hook magnetic end into starting point for easy and accurate measuring



Tape Measures

Unique style long tape measure in a yellow plastic housing with black rubber for easy grip. A 1/2" steel yellow tape in both inch and metric measurements with 1/16 graduations. Speedy rewind with magnetic end and molded hook for easy measuring when alone. Each tape measure comes with a wristband and an accessory belt loop attachment for easy carrying and easy release from the belt loop.



No.	Description	SRP
ATM050	50'	\$24.00 ea
ATM100	100'	40.00 ea



6" Professional Speed-Bow Compass with Beam Bar

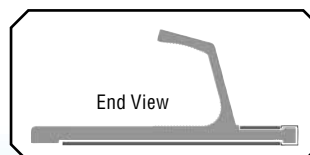
Same as No. 205, but includes beam bar and universal pen adapter for circles up to 18" in diameter.

No. 205V
SRP \$24.00 ea



Safe-T-Cut Premium Cutting Straightedges

Heavy-duty aluminum construction. Engineered with a curved protective angled profile to shield fingers from cutting blade during use. Inlaid stainless steel cutting edge will not nick from the blade. Also features a 3/4" extra wide, non-skid black backing to reduce slipping. Graduations printed in black on white for high contrast. Each size comes with a hanging ring on one end for convenient storage. Lifetime guarantee under normal use in studios, shops, framing departments, schools, industrial applications, etc.



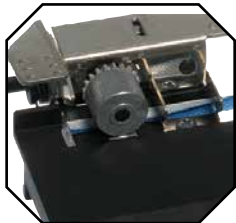
No.	Description	SRP
PGS18	18"	\$66.00 ea
PGS24	24"	90.00 ea
PGS36	36"	128.00 ea
PGS42	42"	144.00 ea



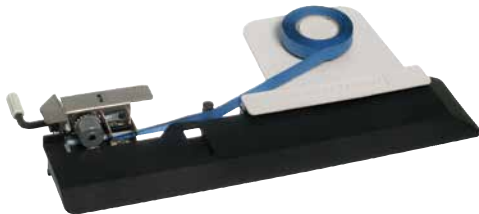
Reinforced Edge-Binding Tapes

Made from a tear-proof PVC material that protects and color-codes valuable drawings and documents. Rolls are 1/2" wide by 80 feet long and have a core size of 1 3/4". Packaged and sold 10/box.

No.	Color
121BK	Black
121RD	Red
121BL	Blue
121WT	White
SRP \$115.00 bx	



Closeup



Reinforcer Edging Machine

An easy-to-use system that protects important drawings and documents by applying edge-binding tapes. Machine adjusts for paper thickness and works with tape roll core diameters of 1 3/8" and 2" and tape widths of 1/2" and 3/4". Comes with a clamp made of high-impact plastic for securing to tables or work surfaces up to 1 1/2" thick. A stainless steel tape trimmer neatly trims tape.

No. 5499
SRP \$288.00 ea



Large Document Binders/Blueprint Clamps

A convenient way to store large format documents and blueprints for easy access. Each binder can hold up to 100 prints or 20 lbs. with a secure grip and wide opening jaws for easy loading. For use with all Alvin, Safco, PlanHold, and Mayline rack systems. Sold by the box of six.

- Professional grade for office and field use
- Made from high quality extruded aluminum
- Solid steel wing nuts have built-in stops to prevent them from accidental disassembly
- Plastic label holder with blank cardstock included
- Multi-lingual packaging and instructions in English, French, and Spanish
- Well packaged for transportation, 6 per box
- Limited lifetime warranty

No.	Print Width	Overall Length	Box Weight	SRP
BPC18	18"	20"	5 lbs.	\$175.00 bx
BPC24	24"	26"	7 lbs.	199.00 bx
BPC30	30"	32"	9 lbs.	227.00 bx
BPC36	36"	38"	10 lbs.	278.00 bx
BPC42	42"	44"	12 lbs.	304.00 bx



Binders not included with rack. Sold separately.



Wall Pivot Rack for Large Format Documents

Space-saving vertical filing system consists of a wall-mounted steel frame supporting 12 pivoting brackets that swing freely to allow visibility and easy access to hundreds of active documents. Designed to be interchangeable with systems from other manufacturers. Holds 12 large document binders (sold separately). Weight 18 lbs.

- Pivot-lock feature: unique grooves in bottom plate keep pivot brackets straight and square with unwanted swing, yet release effortlessly with no complicated mechanism
- Industrial strength construction, 240 lb. capacity
- Fits binder sizes 18", 24", 30", 36", and 42"
- Attaches to wall at desired height; requires mounting directly to studs or solid surface
- Durable powder-coated finish in barley color
- Multi-lingual packaging and instructions in English, French, and Spanish
- Limited lifetime warranty

No. BPR016
SRP \$255.00 ea



Binders/clamps not included with rack. Sold separately.

Mobile Racks for Large Format Documents

Space-saving vertical filing system that allows convenient access to hundreds of active documents, prints, and project files. Sturdy steel frames adjust to the length and width of the documents being stored. Mounted on four 3" heavy-duty commercial grade swivel casters, the rack rolls easily wherever needed, making it ideal for office and field use. Large document binders (sold separately) are suspended between support bars at each end.

- Industrial strength construction, 240 lb. capacity
- Fits binder sizes 24", 30", and 36"
- Adjustable height for prints 36" to 48" long
- Easy-grip steel handles for effortless mobility
- Heavy-duty 3" diameter swivel wheels
- Includes floor glides for non-mobile use
- Durable powder-coated finish in barley color
- Multi-lingual packaging and instructions in English, French, and Spanish
- Limited lifetime warranty

No.	Binder Capacity	Weight	SRP
BPR059-12	Holds 12	32 lbs.	\$310.00 ea
BPR059-18	Holds 18	35 lbs.	\$395.00 ea

Mobile Pivot Rack for Large Format Documents

Space-saving vertical filing system for active documents. Consists of a sturdy steel frame supporting 12 pivoting brackets (included) that swing freely to allow visibility and easy access to hundreds of documents, prints, and project files. Mounted on four 3" heavy-duty commercial grade swivel casters, the rack rolls easily wherever needed, making it ideal for office and field use. Designed to be interchangeable with systems from other manufacturers. Holds 12 large document binders (sold separately). Weight 53 lbs.

- Pivot-lock feature: unique grooves in bottom plate keep pivot brackets straight and square with unwanted swing, yet release effortlessly with no complicated mechanism
- Industrial strength construction, 240 lb. capacity
- Fits binder sizes 18", 24", 30", and 36"
- Adjustable height for prints from 24" to 48" long
- Adjustable depth for prints from 18" to 36" wide
- Includes floor glides for non-mobile use
- Durable powder-coated finish in barley color
- Reinforced packaging with internal protection
- Easy to assemble and adjust
- Multi-lingual packaging and instructions in English, French, and Spanish
- Limited lifetime warranty

No. BPR026
SRP \$580.00 ea



Pivot-lock feature on BPR016 and BPR026



Binders/clamps not included with rack. Sold separately.



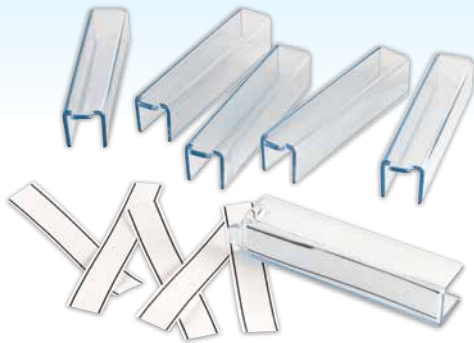
Binders not included with rack. Sold separately.

Wall Rack for Large Format Documents

Space-saving vertical filing system consists of two wall-mounted steel brackets from which large document binders are suspended for easy access to hundreds of active documents. Holds 12 large document binders (sold separately). Weight 4 lbs.

- Industrial strength construction, 240 lb. capacity
- Fits binder sizes 18", 24", 30", 36", and 42"
- Attaches to wall at desired height; requires mounting directly to studs or solid surface
- Durable powder-coated finish in barley color
- Multi-lingual packaging and instructions in English, French, and Spanish
- Limited lifetime warranty

No. BPR030
SRP \$60.00 ea



Large Document Binder/Blueprint Clamp Replacement Label Sleeves

Label set includes six replacement label sleeves and inserts for BPC24, BPC30, BPC36, and BPC42.

No. BPC-LABEL
SRP \$11.50 pk



Spare Parts for Large Document Binders/Blueprint Clamps

A convenient assortment of parts to keep on hand. Cast steel wing nuts with zinc coating and cast steel T-bolts are interchangeable with PlanHold, Safco, and Mayline clamps. Contains three pieces each of T-Bolts, wing nuts, wing nut stop screws, jaw springs, and end caps.

No. BPCPARTS
SRP \$15.95 st



Power Wrench

Designed to tighten large document binders/blueprint clamps when storing or transporting a significant number of prints in a single clamp. To insure a secure grip of documents when hand tightening is not sufficient. Universal fitting accommodates all major brands of clamps and binders.

No. PR10
SRP \$24.95 ea



Upright Roll Files

Durable and compact, constructed of corrugated fiberboard. Includes slotted hand-hole. 15" wide x 12" deep, height is 11½" in front and 22" in back. Shipped flat, easy set up. Shipping weight is 4 lbs.

No.	Slots	Tube Size
ARF12	12	3⅞" x 3⅝"
ARF20	20	2¾" x 2¾"
SRP \$95.00 ea		



Wire Bin Roll File

Four 8" x 8" openings make this heavy-duty storage bin an ideal organizer for rolled maps, plans, drawings, and tubes. The four swivel casters give it high mobility. Constructed of white plastic-coated heavy-gauge steel rods. Includes custom-fitted bottom dust protector. Overall dimensions: 30"h x 17"w x 17"d. Assembly required. Shipping weight 10 lbs.

No. WRF34
SRP \$92.00 ea



King-Size Roll File

Four 9" x 14" openings make this heavy-duty storage bin an ideal organizer for rolled maps, plans, drawings, and tubes. The four swivel casters give it high mobility. Constructed of white plastic-coated heavy-gauge steel rods. Overall dimensions: 26"h x 28"w x 18"d. Assembly required. Shipping weight 15 lbs.

No. WRF38
SRP \$120.00 ea



Wire Bin Roll File

Twenty 4" x 4" openings make this heavy-duty storage bin an ideal organizer for rolled maps, plans, drawings, and tubes. The four swivel casters give it high mobility. Constructed of black plastic-coated heavy-gauge steel rods. Overall dimensions: 30"h x 22"w x 18"d. Assembly required. Shipping weight 11 lbs.

No. WRF40
SRP \$78.00 ea



Empty Rack for Plastic Tubes

Rack consists of the following, including sign: 8 rows, 4" square slots, 40 openings total.

No. WRF77
SRP \$220.00



Wire Bin Roll File

Twelve 5½" x 5½" openings make this heavy-duty storage bin an ideal organizer for rolled maps, plans, drawings, and tubes. The four swivel casters give it high mobility. Constructed of black plastic-coated heavy-gauge steel rods. Overall dimensions: 30"h x 24"w x 18"d. Assembly required. Shipping weight 11 lbs.

No. WRF55
SRP \$78.00 ea



Roll File Cart

Heavy-duty storage bin contains twenty-four 3½" x 4" openings and can accommodate up to a 3½" tube. The four swivel casters give it high mobility. Constructed of white plastic-coated heavy-gauge steel rods. Overall dimensions: 28"h x 24½"w x 17"d. Assembly required. Shipping weight 15 lbs.

No. WTF35
SRP \$72.00 ea



Heavy-Duty Translucent Vinyl Envelopes

The .13 mil thick vinyl and waterproof zip top closure protects valuable documents from dirt, dust, and moisture. Great for commercial or marine applications. Notations can be made on the translucent vinyl covers by using a grease pencil or water-based felt pen and wipes clean with either a dry cloth or soap and water. Perfect for business, contractors, architects, pilots, surveyors, engineers, builders, navigators, artists, and more.

No.	Sheet Size	SRP
ACP18	12" x 18"	\$14.56 ea
ACP24	18" x 24"	18.20 ea
ACP36	24" x 36"	31.06 ea
ACP42	30" x 42"	46.04 ea
ACP48	36" x 48"	55.74 ea



Step-Design Roll File

Unique step-design base includes twenty-four 3½" x 3½" openings for easy access to rolled maps, plans, drawings, and tubes. The four swivel casters give it high mobility. Constructed of white plastic-coated heavy-gauge steel rods. Includes custom-fitted bottom dust protector. Overall dimensions: 32"h x 21"w x 14"d. Assembly required. Shipping weight 15 lbs.

No. WSF36
SRP \$105.00 ea



Masonite Boards

Smooth on both sides with cut out handle and rounded corners.

No.	Content Size	SRP
SPM17	For 17" x 22"	\$9.95 ea
SPM20	For 20" x 26"	14.00 ea
SPM23	For 23" x 31"	15.75 ea
SPM24	For 24" x 36"	22.50 ea



Twist-Lock Telescoping Tube - 3" I.D.

These telescoping tubes adjust in length from 24" to 40" with a 3" inside diameter. Twist-lock adjusts for desired lengths at 3/4" increments. Made of durable black plastic, tube is water-resistant. Features twist-off screw cap with a window for viewing contents inside tube, identification label to mark its contents, and adjustable shoulder strap.

No. BAT2
SRP \$33.95 ea



Blueprint Tote and Wrap

This wrap is ideal for easy transportation of rolled documents and tubes. Adjusts to hold items between 2½" and 5" in diameter. Made of durable black nylon and features twin VELCRO® brand strips that fasten tightly and a convenient carry handle. 2-pack.

No. BPT5
SRP \$15.50 pk



Metro Tubes - 4" I.D.

Soft, leather-like material covers this attractive square tube. Two exterior pockets are perfect for pencils, brushes, and rulers. 4" square inside dimension. Features an attached top with zippered closure and removable, adjustable shoulder strap.

No.	Length	SRP
MK26	26"	\$69.00 ea
MK37	37"	88.00 ea



Black Knight™ Storage Tube - 4¼" I.D.

Made of durable black plastic, tube is water-resistant. Ideal for storage, protection, and transport of documents, artwork, prints, posters, and more. Expands from 30" to 45" in 14 locking 1" increments with a 4¼" inside diameter. Includes removable, adjustable shoulder strap.

No. BTR4
SRP \$26.95 ea



Telescoping Tube – 2¾" I.D.

This telescoping tube adjusts in length from 18½" to 43" with a 2¾" inside diameter. Twist-lock adjusts for desired lengths. Made of durable black plastic, tube is water-resistant. Features twist-off screw cap with a window for viewing contents inside tube, identification label to mark its contents, adjustable shoulder strap, and assorted cap colors.

No. EXT1
SRP \$37.25 ea



Extender Plastic Tube Display

Size: 15"w x 38"h x 11½"d
Contents: 12 pieces of EXT1

No. EXT12D
SRP \$447.00



Telescoping Zoom Tube – 6¾" I.D.

This rugged plastic tube features 1/2" protective foam in top and bottom. Extends from 31" to 54" in length with a 6¾" inside diameter. Includes a comfortable, adjustable carrying strap and a removable carry handle that adjusts for load balance. Use for storing or carrying drawings, architectural plans, trade show graphics, or almost anything! Weight limit: 7 lbs.

No. ZOOM6
SRP \$160.00 ea



Plastic Mailing Tube Display Assortment

Includes sign.
Size: 36"w x 28"h x 24"d
Contents: 46 tubes, assorted series

No. PMT200D
SRP \$1,001.55



Paper Mailing Tube Center

Size: 36"w x 28"h x 24"d
Contents: 168 tubes, assorted diameters and lengths

No. PMT100D
SRP \$1,975.45

Empty Rack for Paper Tubes

Rack consists of the following, including sign:

1 row	6½" square	3 openings
2 rows	4½" square	8 openings
2 rows	3½" square	10 openings
3 rows	3⅛" square	18 openings

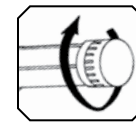
No. WRF66
SRP \$220.00



Fiberboard Mailing Tubes Display Assortment

Size: 18"w x 52"h x 18"d
Contents: 36 tubes, 2½" in diameter, assorted lengths

No. T2531D
SRP \$348.60



Friction Lock Telescoping Tube – 3" I.D.

These telescoping tubes adjust in length from 27" to 50" with a 3" inside diameter. Friction lock adjusts for desired lengths. Made of durable black plastic, tube is water-resistant. Features twist-off screw cap and removable, adjustable shoulder strap.

No. TS2
SRP \$29.50 ea



Telescoping Plastic Tube Display

Size: 14½"w x 27½"h x 11"d
Contents: 12 pieces of TS2

No. TS44D
SRP \$354.00



Fiberboard Tubes

This strong jute fiber tube is an economical alternative for storing and mailing anything that can be rolled, including charts, maps, blueprints, and posters. Includes tight slip caps and reinforced metal ends.

No.	Length	SRP
<i>2½" I.D., blue paper wrap</i>		
T413-25	25"	\$8.45 ea
T413-31	31"	9.75 ea
T413-37	37"	10.85 ea
T413-43	43"	11.80 ea
<i>3" I.D., white paper wrap</i>		
T417-25	25"	11.80 ea
T417-31	31"	13.20 ea
T417-37	37"	14.40 ea
T417-43	43"	15.10 ea
<i>4" I.D., orange paper wrap</i>		
T418-25	25½"	16.25 ea
T418-37	37¼"	22.40 ea
<i>5½" I.D., indigo paper wrap</i>		
T420-25	25"	29.55 ea
T420-31	31"	32.00 ea
T420-37	37"	35.00 ea
T420-43	43"	38.50 ea



Ice Tubes – 2¾" I.D.

These unique transparent PVC mailing and storage tubes are designed for anything that can be rolled, including charts, maps, blueprints, and posters. One end cap is sealed closed and the other removable. Tubes are UV-protective, moisture proof, and have removable, adjustable shoulder straps. Shrink wrapped. Lead and phthalate free.

No. Description

25" length

MT25-BL	Blue
MT25-CL	Clear
MT25-GR	Green
MT25-OR	Orange
MT25-PR	Purple

SRP \$16.50 ea

37" length

MT37-BL	Blue
MT37-CL	Clear
MT37-GR	Green
MT37-OR	Orange
MT37-PR	Purple

SRP \$17.95 ea

43" length

MT43-BL	Blue
MT43-CL	Clear
MT43-GR	Green
MT43-OR	Orange
MT43-PR	Purple

SRP \$21.75 ea

Replacement cap

MT-CAP For MT series ONLY

SRP \$4.75 ea



Ice Tubes Display Assortment

Size: 18"w x 52"h x 18"d

Contents: 20 tubes, assorted colors and lengths

No. MT2537D

SRP \$344.50



Expandable Tube – 3¾" I.D.

This tube is ideal for the storage, protection, and transport of documents, artwork, prints, posters, and more. Features a clear plastic cover with replaceable document identification pad inside. Expands from 26" to 43¾" in 24 locking 3/4" increments with a 3¾" inside diameter. Tube includes adjustable 42" shoulder strap.

No. ALTUBE

SRP \$24.50 ea



Mini Telescoping Carrying Tube – 2¼" I.D.

These telescoping tubes adjust in length from 17" to 30" with a 2¼" inside diameter. Twist-lock adjusts for desired lengths. Made of durable black plastic, tube is water-resistant. Features twist-off screw cap in red, blue, or black (no choice) and adjustable carrying cord.

No. TS1

SRP \$19.25 ea



TOM Drafting Machine

Track-type drafting machine complete with drawing board that features a modern and compact, precision design. Functional drawing board with precision ball bearing, vertical sliding track drafting system, and break lever on vertical sliding track offers three positions. 150° double-hinged drawing head with two sets of Plexiglas scales included, one set metric, the other is in full and half inch graduations. Complete system weighs 20 lbs. with a maximum work surface area of 19¼"h x 25½"w. Adjustable stand allows board angle at 0°, 30°, and 60° (depending on where mounted). Can be used along with CAD furniture set up. Carrying case protects parallel straightedge and provides convenient portability.

No. TOM

SRP \$1,125.00 ea



CARB COMPLIANT AX Series Drawing Boards

Professional-quality portable drawing board for all kinds of creative uses. Perfect for students and those who need an accurate drawing surface but don't have the space for a full-size table. Smooth, white Melamine surface for bump-free drawing. Particle board substrate is 0.63" thick for strength and durability. Folding metal legs are set at an angle to prevent accidental collapse and include rubber-dipped ends to prevent scratching. Boards can be used in the elevated or flat position. Rubber grip tracks underneath allow front of board to overhang a table edge up to 8". This increases the working angle and brings the drawing surface closer to the user. Drawing board is CARB compliant and all components are phthalate and lead-free.

No.	Size	Wt.	SRP
AX617/2	18" x 24"	9 lbs.	\$75.50 ea
AX617/3	20" x 26"	11 lbs.	83.00 ea
AX617/4	23" x 31"	14 lbs.	95.00 ea
AX617/5	24" x 36"	17 lbs.	109.00 ea



1101 Paral-Liner Straightedge

CARB COMPLIANT Deluxe Boards with Straightedge and VYCO Board Cover

Portable drawing board equipped with deluxe parallel straightedge and protective board cover for various drawing and drafting applications. Perfect solution for students or professionals who require a precision drawing tool, but lack the space for an art or drafting table. Durable phenolic straightedge blade is equipped with clear acrylic inking edge and nylon bearings for smooth motion and even support over entire work surface. Blade remains parallel at all times, gliding smoothly up and down on guide wires. Smooth Melamine surface for bump-free drawing. Particle board substrate for strength and durability. Work surface is protected with a layer of pliable VYCO board cover. Folding metal legs are set at an angle to prevent accidental collapse and include rubber-dipped ends to prevent scratching. Board can be used in the elevated or flat position. Rubber grip tracks underneath allow front of board to overhang a table edge up to 8". This increases the working angle and brings the drawing surface closer to the user. Compact, folding design for convenient transportation and storage. No assembly required. Ready to use.

No.	Size	Weight	SRP
DPX36	24" x 36"	22 lbs.	\$318.00 ea
DPX42	30" x 42"	33 lbs.	360.00 ea



Aluminum Straightedge

CARB COMPLIANT PXB Series Portable Parallel Straightedge Boards

Professional-quality portable drawing and drafting board with built-in parallel straightedge for all kinds of creative and technical applications. Perfect for students and those who need an accurate drawing surface but don't have the space for a full-size drafting table. Fully assembled! Aluminum straightedge with soft, rubber edges for enhanced grip, comfort and control. Straightedge glides smoothly up and down the board while the cross-wire and pulley system underneath keeps it parallel in any position. Crystal clear acrylic blade is 0.12" thick and includes inking edges underneath to minimize smudging. Blade clearance is 3/16" for use with foam board, cutting mats, and more. Straightedge has brake mechanisms on each end for secure, positive locking in any location on the board. Large brake knobs include rubber grips for comfort. Straightedge has top-mounted adjustment knobs on each end for fine-tuning parallelism. Especially useful when reinserting a drawing on the board for additional work. Smooth, white Melamine surface for bump-free drawing. Particle board substrate is 0.63" thick for strength and durability. Folding metal legs are set at an angle to prevent accidental collapse and include rubber-dipped ends to prevent scratching. PXB21, 24 and 26 have 3" legs. PXB31, 36 and 42 have 5" legs. Boards can be used in the elevated or flat position. Rubber grip tracks underneath allow front of board to overhang a table edge up to 8". This increases the working angle and brings the drawing surface closer to the user. Compact, folding design for convenient transportation and storage. No assembly required. Ready to use. Drawing board is CARB compliant and all components are phthalate and lead-free.

No.	Size	Weight	SRP
PXB21	16" x 21"	8 lbs.	\$110.00 ea
PXB24	18" x 24"	10 lbs.	119.00 ea
PXB26	20" x 26"	12 lbs.	123.00 ea
PXB31	23" x 31"	15 lbs.	148.00 ea
PXB36	24" x 36"	20 lbs.	160.00 ea
PXB42	30" x 42"	26 lbs.	193.00 ea



Nylon-Covered Stainless Steel Wire

100-ft. roll.

No. NCSS-A	SRP \$37.95 rl
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Paral-Liner® Mobile Parallel Straightedges

Rigid phenolic construction with a black satin finish. Mobile straightedge affords frictionless operation through the floating action of the nylon rollers mounted on the blade. The rollers retract at a touch, securing the blade for accurate drawing. Acrylic edges are elevated to prevent ink smears and steel ball-bearing pulleys provide smooth movement. Comes with all mounting hardware and installation instructions.

No.	Length	SRP
1101-30	30"	\$169.00 ea
1101-36	36"	180.00 ea
1101-42	42"	193.00 ea
1101-48	48"	205.00 ea
1101-60	60"	229.00 ea



Paral-Liner® Deluxe Mobile Parallel Straightedges

Deluxe version of the popular Paral-Liner series, with an integral comfort grip bar to control straightedge movement. The brushed aluminum surface resists perspiration stains and corrosion, and provides a convenient pencil ledge as well. The floating roller movement allows the draftsman to move the straightedge with minimal effort and then lock it in place.

No.	Length	SRP
2201-36	36"	\$196.00 ea
2201-42	42"	212.00 ea
2201-48	48"	226.00 ea
2201-60	60"	249.00 ea



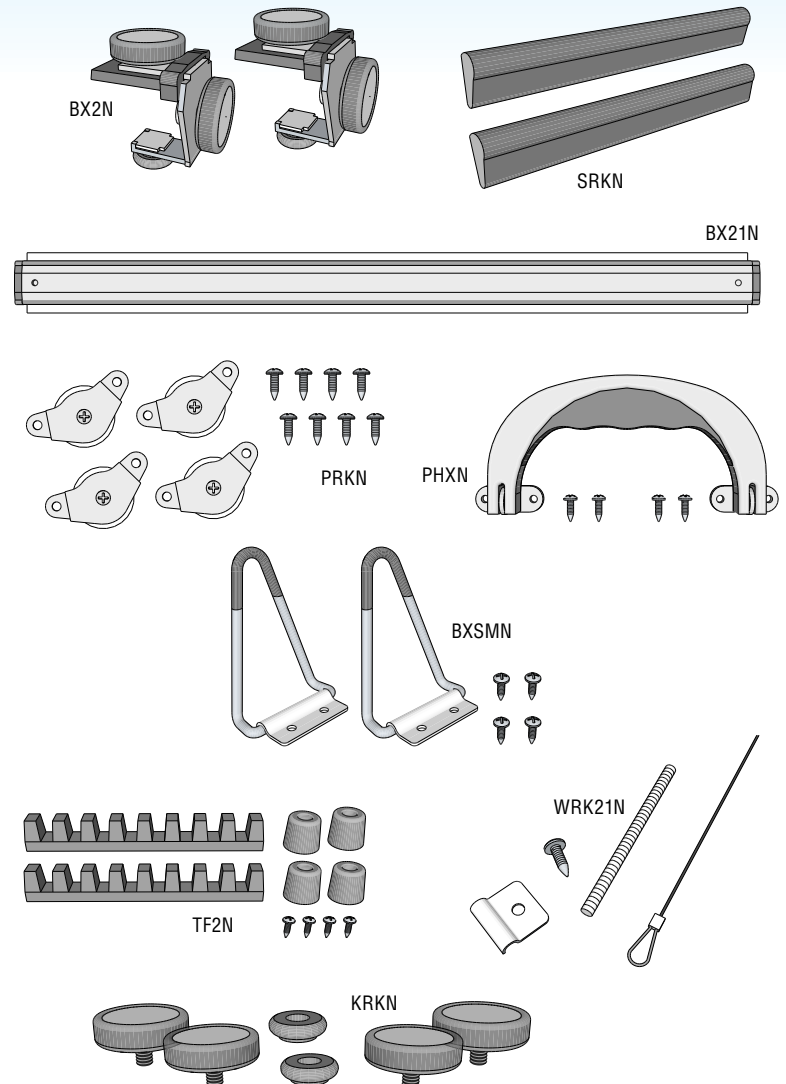
Easel and Board Stand

Constructed of walnut-stained wood and adjustable to four convenient drawing angles, from 0° to 45°. The unique design rests over the edge of a table or desk to prevent slipping. Once in place it provides a rigid frame for sketch boards, standard drawing boards, and pre-stretched canvas plus a built-in pencil rest. In seconds, it can be opened for use or closed for storage. Accommodates 18" x 24" to 20" x 26" boards.

No. DS722	SRP \$60.00 ea
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PXB Replacement Parts

No.	Description	SRP
KRKN	Knob kit: 2 each top adjustment knobs, brake knobs, wire capture knobs	\$8.50 ea
BX2N	Bracket kit: 2 each metal side brackets, plastic end caps, wire capture knobs, T-bolts	13.00 ea
SRKN	Straightedge rubber grip strips, set of 2 with adhesive	3.95 pk
BX21N	21" straightedge blade for PXB21	26.25 ea
BX24N	24" straightedge blade for PXB24	29.65 ea
BX26N	26" straightedge blade for PXB26	31.05 ea
BX31N	31" straightedge blade for PXB31	37.45 ea
BX36N	36" straightedge blade for PXB36	41.50 ea
BX42N	42" straightedge blade for PXB42	45.65 ea
PRKN	Pulley kit: 4 pulley assemblies, 8 screws	4.50 ea
PHXN	Handle with 4 screws	9.00 ea
BXSMN	Leg kit for PXB21, 24, 26: 2 short legs, 2 leg attachment plates, 4 screws	4.55 ea
BXLGN	Leg kit for PXB31, 36, 42: 2 long legs, 2 leg attachment plates, 4 screws	5.25 ea
TF2N	Rubber kit: 2 grip tracks, 4 feet, 4 screws	9.25 st
WRK21N	Wire kit for PXB21: wire, spring, 2 wire crimps, wire cover plate, 2 screws	2.35 ea
WRK24N	Wire kit for PXB24: wire, spring, 2 wire crimps, wire cover plate, 2 screws	2.35 ea
WRK26N	Wire kit for PXB26: wire, spring, 2 wire crimps, wire cover plate, 2 screws	2.75 ea
WRK31N	Wire kit for PXB31: wire, spring, 2 wire crimps, wire cover plate, 2 screws	2.75 ea
WRK36N	Wire kit for PXB36: wire, spring, 2 wire crimps, wire cover plate, 2 screws	2.90 ea
WRK42N	Wire kit for PXB42: wire, spring, 2 wire crimps, wire cover plate, 2 screws	2.90 ea



Replacement Straightedge End Caps

Contains two end caps and two screws. For Models 1101 and 2201 from 2010.

No. EP3
SRP \$12.00 st



Straightedge Hardware Kit

Contains two front wire connectors, two rear pulley assemblies, and eight screws (six 3/4" and two 5/8"). Wire not included. Must be ordered separately. For Models 1101, 1102, and 2201.

No. HD4
SRP \$17.75 st



Straightedge Rewiring Kit

Includes 30' of nylon-covered stainless steel wire, spring, two eyelets, and two front wire connectors. Fits Models 1101, 1102, and 2201.

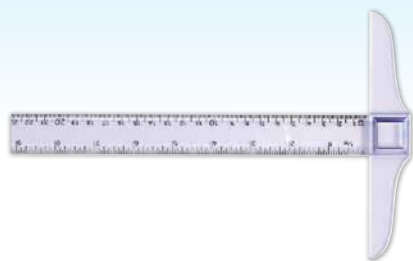
No. PEP-2
SRP \$12.50 st



Replacement Brake Knobs

Contains two EP3 straightedge brake knobs, one wire brake knob, two new style T-shaped brakes, and one clinch stud. Used for Alvin 1101 and 2201 series straightedges made after 2009.

No. KN4
SRP \$15.00 st



Plastic Academic T-Squares

Clear plastic T-square with inch and metric calibrations. Made of crystal-clear Dunilon. 12" has two bevels, 18" and 24" have double inking edge. Easy to see through to underline notes, draw columns, or check layouts.

No.	Size	SRP
330MI	12"	\$11.00 ea
D346PMI	18"	19.75 ea
D365PMI	24"	21.75 ea

Stainless Steel Graduated T-Squares

1½" stainless steel blade. Top edge graduations in inches with 1/32" divisions. Lower edge graduations in metric. Durable injection molded plastic head with inch and metric graduations.

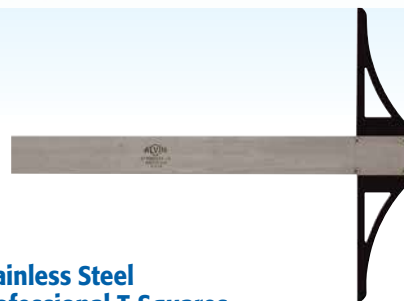
No.	Size	SRP
AST18	18"	\$25.00 ea
AST24	24"	28.00 ea
AST30	30"	31.00 ea
AST36	36"	36.00 ea



Stainless Steel Professional T-Squares

Features a 1½" wide spring-tempered stainless steel blade and black cast aluminum head, securely riveted. No graduations. Head is 11½" wide and blade is 1.2mm thick. Precision-made for accuracy, durability, and longevity.

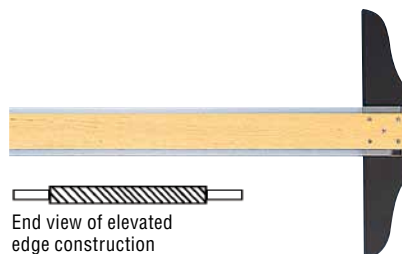
No.	Size	SRP
S/S18	18"	\$32.95 ea
S/S24	24"	38.00 ea
S/S30	30"	43.00 ea
S/S36	36"	49.50 ea
S/S42	42"	55.50 ea
S/S48	48"	62.50 ea



Junior Draftsman T-Square

12" white plastic T-square with raised calibrations in inches and millimeters. Perfect for artists, students, crafts, and school use. Features smooth edges for pencil and ink ruling.

No. 412
SRP \$3.39 ea



Transparent Edge T-Squares

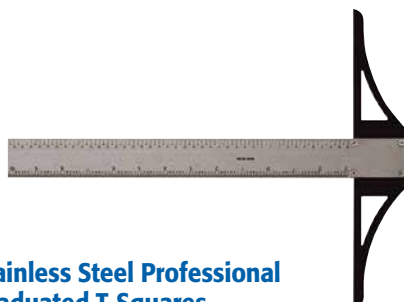
Selected hardwood blade for strength and straightness. Elevated, see-through acrylic edges for smudge-free line work. Smooth wood head attached with five screws for long-lasting squareness.

No.	Size	SRP
C18	18"	\$16.25 ea
C21	21"	17.75 ea
C24	24"	19.25 ea
C30	30"	22.00 ea
C36	36"	26.00 ea
C42	42"	31.00 ea

Stainless Steel Professional Graduated T-Squares

Features a 1½" wide spring-tempered stainless steel blade and black cast aluminum head, securely riveted. Graduations using highly durable UV-cured black ink are calibrated in 8th and 16ths. Head is 11½" wide and blade is 1.2mm thick. Precision made for accuracy, durability, and longevity.

No.	Size	SRP
SST18	18"	\$40.00 ea
SST24	24"	44.25 ea
SST30	30"	49.50 ea
SST36	36"	59.00 ea
SST42	42"	63.00 ea
SST48	48"	69.00 ea



Aluminum Graduated T-Squares

Aluminum blade is 1½" wide x 1.6mm thick with a high-impact ABS molded head. Graduated in 16ths on both sides. Head is 9" wide and graduated in 1/8ths. Precision made for accuracy and longevity.

No.	Size	SRP
ALT12	12"	\$11.00 ea
ALT18	18"	12.85 ea
ALT24	24"	14.50 ea
ALT30	30"	16.25 ea
ALT36	36"	18.00 ea

Clear Acrylic T-Squares

A full view is provided through 100% acrylic blade. Relieved edge prevents ink from under-flowing onto drawing.

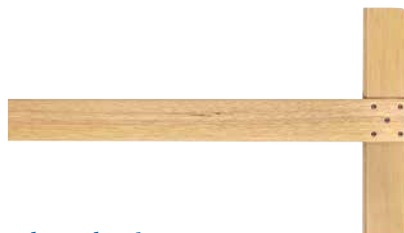
No.	Size	SRP
P18	18"	\$16.50 ea
P24	24"	17.50 ea
P30	30"	19.50 ea
P36	36"	21.50 ea



Wood Academic T-Squares

Economically designed for academic use. Seasoned hardwood construction with practical, attractive natural finish and smooth finished edges for precise drawing. Fixed head secured with epoxy plus metal fasteners.

No.	Size	SRP
W18	18"	\$7.35 ea
W21	21"	8.75 ea
W24	24"	9.35 ea
W30	30"	10.90 ea



Technical and Collegiate Drawing Kits

Designed to meet the varying needs of students of architectural, engineering and mechanical drawing, advertising layout art, etc., at the junior high, vocational, high school and college levels.



SD404 Drawing Outfit

Contains one each of:

- Drawing board: 16" x 21" with metal edges
- T-square: 21" transparent edge
- Compass and divider: 6" bow pencil compass
- Triangles: 6" 45°/90°, 8" 30°/60°
- Protractor: 6" semicircular
- Curve: 6½" irregular
- Scale: architects' triangular 12"
- Sandpaper pointer pad
- Pencils: 2H and 4H
- Sharpener
- Erasers: soft pencil and art gum
- Erasing shield
- Drafting tape: 3/4" x 10 yard roll
- Cross section pad: 7" x 5"

No. SD404
SRP \$130.00 ea



SD505 Drawing Outfit

Contains one each of:

- Drawing board: 18" x 24" with metal edges
- T-square: 24" transparent edge
- Compass: 6" bow pencil compass
- Divider
- Triangles: 8" 45°/90°, 10" 30°/60°
- Protractor: 6" semicircular
- Curve: 12½" irregular
- Scale: architects' triangular 12"
- Sandpaper pointer pad
- Pencils: 2H and 4H
- Sharpener
- Erasers: soft pencil and art gum
- Erasing shield
- Drafting tape: 3/4" x 10 yard roll
- Cross section pad: 7" x 5"

No. SD505
SRP \$149.50 ea



S700 Scholastic Drawing Outfit

Contains one each of:

- Drawing board: 12" x 17" with metal edges
- T-square: 18" transparent-edge
- Triangles: 4" 45°/90°, 6" 30°/60°
- Protractor: 6" semicircular
- Scale: architects' triangular 12"
- Curve: 5¼" irregular
- Erasers: soft pencil and art gum
- Erasing shield
- Sandpaper pointer pad
- Pencils: 2H and 4H
- Sharpener
- Drafting tape: 3/4" x 10 yard roll
- Cross section pad: 7" x 5"

No. S700
SRP \$100.00 ea



PT800 Drawing Outfit

Contains one each of:

- Drawing board: 16" x 21" with metal edges
- T-square: 21" transparent-edge
- Triangles: 6" 45°/90°, 8" 30°/60°
- Protractor: 6" semicircular
- Scale: architects' triangular 12"
- Curve: 6½" irregular
- Erasing shield
- Sandpaper pointer pad
- Pencils: 2H and 4H
- Sharpener
- Erasers: Soft pencil and art gum
- Drafting tape: 3/4" x 10 yard roll
- Cross section pad: 7" x 5"

No. PT800
SRP \$116.50 ea



CP900 Drawing Outfit

Contains one each of:

- Drawing board: with metal edges
- T-square: 24" transparent-edge
- Triangles: 8" 45°/90°, 10" 30°/60°
- Scale: Architects' triangular 12"
- Protractor: 6" semicircular
- Curve: 10" irregular
- Erasing shield
- Sandpaper pointer pad
- Pencils: 2H and 4H
- Pencil sharpener
- Erasers: soft pencil, art gum, and plastic vellum
- Cross section pad: 7" x 5"
- Drafting tape: ¾" x 10 yard rolls
- Template: All purpose symbol

No. CP900
SRP \$146.00 ea



BRK Technical Grade Blueprint Kit

Designed to fit average needs, budget, and class level requirements of students. Each kit is supplied in 12" x 16" vinyl portfolio carrying case.

Contains one each of:

- Bow compass: 6" with parts tube
- Architectural triangular scale: 12" open divided, white impact plastic
- Triangles: 10" 30°/60°, 8" 45°/90°, clear plastic
- Protractor: 6" semicircular
- Curve: 8½" irregular
- Eraser: soft pencil
- Erasing shield
- Mechanical lead holder
- Mini lead pointer
- Compass leads: in tube
- Cross section pad: 7" x 5"

No. BRK-1A
SRP \$51.00 ea



BDK Series Beginner's Drafting Kits

Convenient way for students to eliminate guesswork, save time, and work with consistent equipment. Replacement of missing or broken items is quick and easy, because they are standard stock.

Architects' Kit

Contains one each of:

- 12" plastic architectural scale
- 12" x 16" mesh bag
- 7" x 5" practice cross section pad
- 6" compass, 6" divider
- 10" 30°/60° triangle
- 8" 45°/90° triangle
- 6" protractor
- 6¾" french curve
- Soft pencil eraser
- Lead holder
- Mini lead pointer
- Erasing shield
- Three pack 2.0mm lead
- Shrink-wrapped for retail display

No. BDK-1A
SRP \$66.50 ea

Mechanical Drafting Kit

Same as No. BDK-1A, but with mechanical draftsman's open and fully divided triangular scale. Not shrink-wrapped.

No. BDK-1MD
SRP \$68.50 ea

Engineers' Kit

Same as No. BDK-1A, but with engineers' fully divided triangular scale. Not shrink-wrapped.

No. BDK-1E
SRP \$68.50 ea



Drawing Board Kit

Contains:

- 15" x 20" white Melamine drawing board
- Wooden T-square
- 30°/60° triangle
- 45°/90° triangle

No. XBK
SRP \$45.00 ea



Jet-Bow Beam Combination Drawing Set

Set includes 6" speed compass with interchangeable pen, pencil, divider parts, and replaceable needle points. 4½" bow compass with interchangeable pen, pencil, and divider parts. 6" beam bar and slide coupling for circles up to 28" in diameter and 6" friction divider with self centering gear head and replaceable needle points. Set also includes mechanical lead holder, slip handle for spare ruling pen, lead pointer, center tack, and screwdriver. Packaged in see-through, hard plastic case.

No. 929JS
SRP \$79.00 st



Drawing Compasses Display Assortment

Size: 14"w x 16"h x 14"d

Contents: (4) 201, (4) 203, (2) 700S, (2) 701S, (2) 702V, (2) Q404A, (3) 211MC, (3) 316

No. 1718D
SRP \$432.60



Compass and Divider Beginner Set

Set includes 5¾" compass, replacement tube of lead, 5¾" divider, 0.5mm fineliner, 0.5mm tube of lead, small white vinyl eraser, and 0.2mm pointer. Packaged in see-through, hard plastic case.

No. 308K
SRP \$20.25 st



Professional Speed-Bow 6" Pencil Compass/Divider

Compass/divider with the speed and efficiency of a center wheel design. Smooth, instant setting adjustment with universal spindle mechanism. Matte silver zinc with fiberglass design. Creates circles 1/8" to 12" in diameter.

No. 700S
SRP \$19.95 ea



Quick Action 6" Pencil Compass

Synchronized precision scissor-action thread system opens or closes legs to desired radius in one quick motion. Perfectly balanced and weighted for easy one-hand operation. Creates circles up to 14" in diameter. Durable nickel-plated zinc construction in silver. Spare needle point and two leads included.

No. Q404A
SRP \$18.75 ea



Combination Universal Speed-Bow Set

6" pencil compass/divider with center wheel and double break leg design. Creates circles from 1/8" and with beam bar to 21" in diameter. 4" drop bow for creating smaller circles. 6" divider with adjustable and replaceable needle points. Technical pen adapter, parts tube, and screwdriver. 0.5mm fineline pencil and tube of lead.

No. 729JS
SRP \$69.00 st



Premium 6" Master-Bow Compass

This attractive, premium-quality compass is ideal for gift and presentation purposes. Features solid brass construction and a matte chrome finish. Sturdy push-button mechanism engages the scissor-action threading system for quick adjustments that can be fine-tuned with the precision center wheel. Double knee-joint for parallel leg positioning and precise execution of circles up to 14" in diameter. Adjustable, replaceable lead and needle points. Housed in a break-resistant, velvet-lined case with see-through lid and spare lead.

No. SL2
SRP \$26.95 ea



6" Universal Speed-Bow Compass

Same quality construction as 700S plus a double break leg design and equipped with a universal attachment to hold technical pens, lead holders, ballpoint pens, cutting knives, and fineline markers. Includes screwdriver and parts for tension adjustment. Creates circles 1/8" to 12" in diameter.

No. 701S
SRP \$29.25 ea



6" Universal Speed-Bow Compass with Beam Bar

Same quality features as 701S plus a beam bar extension for circles up to 21" in diameter.

No. 702V
SRP \$36.95 ea



Basic-Bow Combination Compass Set

Set includes 6" and 4 1/2" compasses with interchangeable pen, pencil, and divider parts; 6" beam bar extension and slide coupling; and 6" friction divider with self-centering gearhead design and replaceable needle points.

No. 129B
SRP \$64.00 st



Professional 6" Jet-Bow Speed Compass

With gearhead construction and double break leg design. Extension beam bar allows circles up to 20" in diameter. Features technical pen adapter and parts tube. Packaged in see-through, hard plastic case.

No. 975VK
SRP \$32.25 ea



Professional 6" Jet-Bow Speed Compass

With gearhead construction and double break leg design. Features ruling pen adapter and handle. Packaged in see-through, hard plastic case.

No. 975J
SRP \$27.50 ea



6" Speed-Bow Pencil Compass/Divider

Smooth-action center-wheel spindle mechanism. Fiberglass crown with nickel-plated zinc legs. Colorful leg inserts in assorted blue, green, red, or black, no choice. Spare lead tube included. Creates circles 1/8" to 12" in diameter.

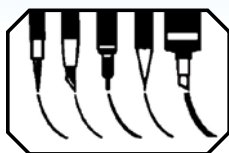
No. 211MC
SRP \$16.15 ea



6" Basic-Bow Pencil Compass/Divider

Designed with a fiberglass ringhead and pivot design for smooth, firm adjustment. Accurate center wheel adjusts quickly and easily for circles up to 10" in diameter. Built-in spindle stop prevents overextension. Supplied with extra lead, needle point, and T-bolt. Matte nickel finish resists stains and tarnishing.

No. 504
SRP \$15.50 ea



Universal 6" Bow Compass

Fiberglass ringhead and pivot gear design for smooth adjustment. Wedge clamp holds technical pens, lead holders, pencils, ballpoints, cutting knives, and fineline markers. Center wheel adjustment is fast and precise. Black enamel finish.

No. 508
SRP \$27.50 ea



Basic-Bow Standard Drawing Set

Set includes 6" and 4½" pencil compass/dividers and 6" friction divider with self centering gearhead design and replaceable needle points.

No. 795B
SRP \$53.00 st



6" Basic-Bow Combination Compass

Same quality and performance features as No. 504, with the added feature of a split leg design that accepts interchangeable pen, pencil, and divider parts. Slip handle for spare ruling pen. Extra lead, needle point, and bolt.

No. 505
SRP \$24.75 ea

Compact Drawing Set

Set includes 6" bow pencil compass/divider and 6" friction divider with replaceable needle points. Capped spindle prevents overextension. Creates circles up to 9" in diameter. Packaged in see-through, hard plastic case.

No. 608K
SRP \$25.50 st



Master-Bow 6" Compass/Divider

Features a rugged gearhead design. Legs are molded zinc with black accents. Rapid adjustment feature creates 1/8" to 13" diameter circles. Extra needle allows use as a divider or a compass. Packaged in see-through hard plastic case.

No. 804
SRP \$16.25 ea



6" Basic-Bow Combination Compass with Beam Bar

Same as No. 505, but equipped with beam bar extension for circles up to 20" in diameter.

No. 505V
SRP \$31.00 ea

6" Speed-Bow Compact Compass

Smooth-action center wheel spindle mechanism for quick action adjustments. Fiberglass crown with nickel-plated zinc legs. Create circles from 1/8" to 12" in diameter. Packaged in hard, see-through plastic carrying case and comes with replacement lead and safety cover.

No. 709QB
SRP \$19.95 ea



Master-Bow 6" Combination Compass

Features a rugged new design and interchangeable pencil and divider parts. Includes a double break leg for precise perpendicular drawing. Made from strong zinc material with black accents. Rapid adjustment feature creates 1/8" to 13" diameter circles. Slip handle for spare ruling pen part. Packaged in see-through, hard plastic case.

No. 805
SRP \$24.50 ea





Master-Bow 6" Combination Compass with Beam Bar

Same as No. 805 but equipped with beam bar extension for circles up to 20" in diameter. Made from zinc material with black accents. Rapid adjustment. Packaged in see-through, hard plastic case.

No. 805V
SRP \$31.00 ea



6 1/2" Speed-Bow Introductory Compass

Smooth-action rapid adjustment, durable cast zinc construction, and black fiberglass crown and reinforcements. Features double knee joints for parallel leg positioning and precise drawing of large radii. Creates circles up to 12" in diameter. Packaged in hard, see-through plastic case with spare lead.

No. 305
SRP \$19.00 ea



Compass Set

Similar in construction to No. 704 but also includes a 0.5mm fineline pencil, tube of 0.5mm lead, small white eraser, and 0.2mm sharpener. Packaged in see-through, hard plastic case. Assorted colors, no choice.

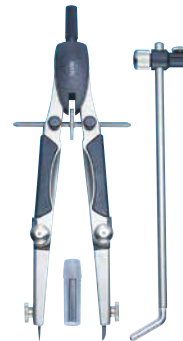
No. 316
SRP \$14.25 st



Introductory 6" Bow Compass

Features smooth center wheel adjustment, matte silver zinc legs, and durable fiberglass head and leg parts. Includes an extra needle point for use as a divider and two extra lead points in a storage tube. Creates circles 1/8" to 12" in diameter. Packaged in a resealable see-through case.

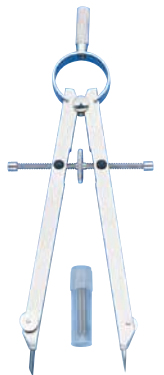
No. 201
SRP \$12.65 ea



6 1/2" Speed-Bow Introductory Compass with Beam Bar

The same fine construction as the No. 305 but with the additional versatility of a beam bar extension for drawing circles up to 22" in diameter. Packaged in a hard, see-through plastic case with spare lead.

No. 302VJ
SRP \$24.50 ea



Traditional 6" Master Bow Compass

Smooth, center wheel adjustment and matte nickel finish. Capped spindle prevents over extension. Includes extra needle and leads. Creates circles from 1/8" to 1 1/2" in diameter.

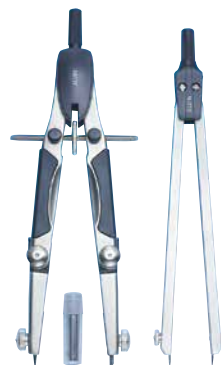
No. 604
SRP \$15.50 ea



Introductory 6" Bow Compass/Divider

Same as No. 201, but with double break-leg design and also includes a universal adapter to hold pencils, fine line markers, cutting knives, and many other tools.

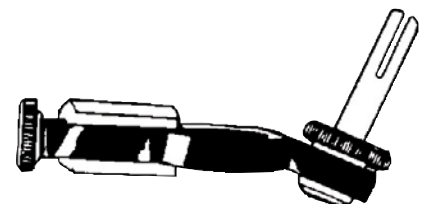
No. 203
SRP \$20.25 ea



Speed-Bow Introductory Set

6 1/2" compass with smooth-action rapid adjustment, durable cast zinc construction, and black fiberglass crown and reinforcements. Features double knee joints for parallel leg positioning and precise drawing of large radii. Creates circles up to 12" in diameter. 6" gearhead divider has adjustable and replaceable needle points. Packaged in hard, see-through plastic case with spare lead.

No. 305K
SRP \$22.50 st



Universal Compass Adapter

Adapter with 4mm and 3.5mm insert shafts. Can be used on all technical fountain pens, mechanical pencils, nylon stick pens, and ballpoints.

No. P294
SRP \$11.75 ea



6 1/2" Introductory Compass

Made from cast zinc with fiberglass head and double knee joint. This traditional compass is perfect for students and professionals. Creates circles from 1/2" to 10" in diameter. The center wheel spindle creates precise adjustments. Packaged in hard, see-through plastic case and comes with replacement lead tube.

No. 607
SRP \$16.25 ea



6" Bow Compass

Made from cast zinc body with a fiberglass head, this traditional compass is perfect for intro level drafting and drawing. Creates circles 1/2" to 10" in diameter. Features a center wheel spindle for precision adjustments and a replacement lead tube.

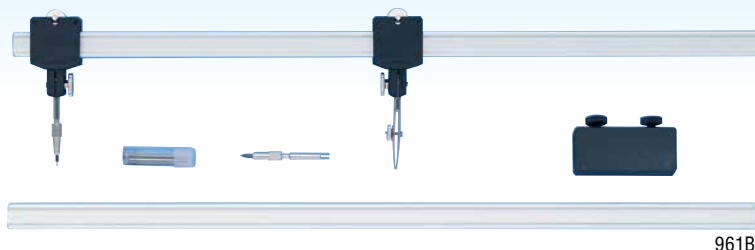
No. 704
SRP \$11.25 ea



Maverick Bow Compass Drawing Set

Set includes 6" bow compass with center wheel, straight leg design, 4" bow compass with center wheel design, 5 1/2" gearhead divider with adjustable and replaceable needle points, and 5 3/4" mechanical pencil. Packaged in a see-through, hard plastic case.

No. 895E
SRP \$54.00 st



Beam Compass & Accessories

Includes two 13" ungraduated beam bars and one coupling to accommodate circles up to 48" in diameter. Spring-loaded thumbwheel on the top of each slide assembly allows for smooth and precise adjustments. Comes complete with interchangeable ruling pen, pencil, and divider legs. Includes spare leads and needlepoint. Packaged in a protective case with clear cover.

No.	Description	SRP
961B	Compass	\$45.00 ea
961C	Coupling	6.70 ea
961/13	13" beam bar	10.25 ea
961/24	26" beam bar	21.50 ea
61A	Pencil leg	3.00 ea
61B	Divider leg	3.00 ea
61C	Ruling pen leg	3.15 ea
61D	Bar slide assembly	6.25 ea



Speed-Bow Compass Set

Set contains a 6 1/2" compass, a 4 3/4" pencil bow in a hoop spring tension design, a 6" divider, beam bar, pen adapter, and spare parts tube. Packaged in hard, see-through plastic case.

No. 366S
SRP \$49.75 st

6 1/2" Quick Adjustment Compass

Made from cast zinc with fiberglass head and double break leg. Uses push-button mechanism for quick action adjustments. Creates circles from 1/2" to 12" in diameter. Packaged in hard, see-through plastic case and comes with replacement lead tube.

No. 707V
SRP \$18.25 ea



5" Bow Compass/Divider

All metal compass features extra pivot point for use as a divider. Creates circles up to 8" in diameter. Includes replacement needle and lead. Assorted colors, no choice.

No. 494
SRP \$8.25 ea

4 3/4" Drop-Bow Pencil Compass

For pencil use only. Sturdy fiberglass construction with tarnish-resistant chrome plated steel parts. For rapid, precise drawing of circles up to 1" in diameter.

No. 836
SRP \$16.50 ea





4 3/4" Academic Bow Pencil Compass

Hoop spring tension pencil compass creates circles up to 4" in diameter. Features fast center wheel adjustment, built-in spindle stop to prevent over-extension, and matte nickel finish that resists stains and tarnishing. Comes in reclosable vinyl sheath.

No. 844B
SRP \$18.25 ea



4" Introductory Flat-Bow Compass

Flat profile, hoop spring tension bow compass features precise, easy-to-use center wheel adjustment and floating spindle bushings that minimize stripping problems and matte nickel finish that resists stains and tarnishing. Comes in reclosable vinyl sheath.

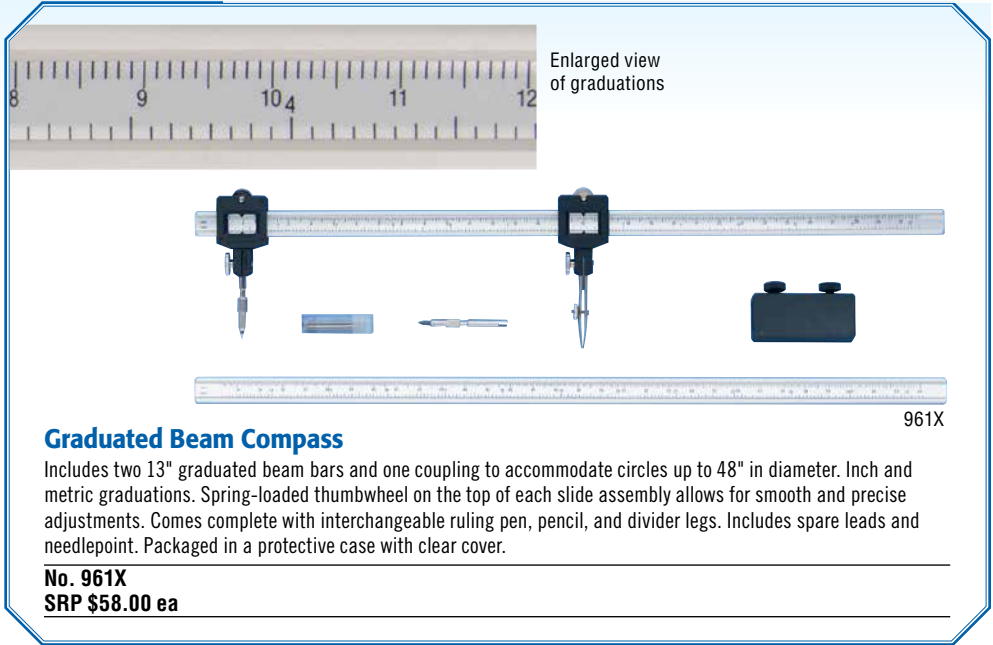
No. 891
SRP \$14.75 ea



5" School Grade Compass

Features a self-centering gearhead mechanism for drawing circles up to 15" in diameter. Constructed of cast zinc with black fiberglass crown for added durability and strength. Replaceable lead and fixed needle point. Packaged in a hard, see-through plastic case with spare lead.

No. UC5
SRP \$7.75 ea



Graduated Beam Compass

Includes two 13" graduated beam bars and one coupling to accommodate circles up to 48" in diameter. Inch and metric graduations. Spring-loaded thumbwheel on the top of each slide assembly allows for smooth and precise adjustments. Comes complete with interchangeable ruling pen, pencil, and divider legs. Includes spare leads and needlepoint. Packaged in a protective case with clear cover.

No. 961X
SRP \$58.00 ea



5 1/2" School Pencil Compass

Compass is constructed of durable, lightweight plastic with fiberglass reinforcement to resist bending. Quick release pencil holder holds all standard pencil sizes. Hand adjustable 6" measuring arc has easy-to-read 1/2" graduations. Blunt safety point makes it ideal for students. Includes pencil. Blister-carded. Sold by the dozen.

No. 708
SRP \$24.00 dz



5 1/2" Economy Divider

Friction divider with fixed needle points. Matte nickel finish resists stains and tarnishing. Designed for student use. Supplied in plastic case.

No. 560
SRP \$7.75 ea



5 1/2" Academic Divider

Self-centering gearhead design. Replaceable and adjustable needle points. Matte nickel finish resists stains and tarnishing.

No. 568
SRP \$12.50 ea



6" Basic Compass

Features a self-centering gearhead mechanism for drawing circles up to 19" in diameter. Constructed of sturdy cast zinc with black fiberglass crown to resist bending and distortion. Features double knee joints for parallel leg positioning and precise drawing of large radii. Replaceable lead and needle points. Packaged in a hard, see-through plastic case with spare lead.

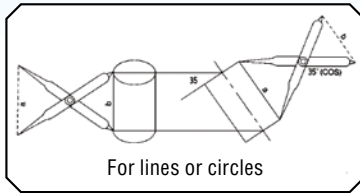
No. UC6
SRP \$11.35 ea



6" Academic Divider

Friction divider with self-centering gearhead design with replaceable needle points. Durable, matte nickel finish resists stains and tarnishing. German-made.

No. 660
SRP \$12.95 ea



Proportional dividers are used for dividing lines or circumference of circles into a number of equal parts and for enlarging and reducing lengths in different ratios. With a simple adjustment, reductions or enlargements can be transferred from original scale drawings with exacting accuracy (+ 0.1mm for any ratio).



10" Proportional Divider

Features precise rack and pinion movement, replaceable hardened steel needle points, and matte chrome finish that resists wear and corrosion. Includes reference mark for golden section. Packaged in a velvet lined case.

No. 458
SRP \$480.00 ea

7½" Lightweight Duraluminum Proportional Divider

Features graduations for lines and circles, and adjustable, replaceable steel needle points.

No. 450
SRP \$205.00 ea

Equal spacing dividers are engineered for professional applications where precise measuring, plotting and drawing require fast, exacting results. Ideal for map-making, surveying and drafting.



6" Stainless Steel Equal Spacing Divider

Used in forms design, development of models, textile design, etc. Plots 11 equally spaced points. The 11 numbered teeth will always divide the distance between the teeth marked "0" into 10 equal parts. Riveted pivot points expand and contract with ease, yet maintain precise settings. Satin finish stainless steel construction resists wear and corrosion. Maximum expansion between 1st point and 11th point is approximately 9½". Maximum space between two consecutive points is approximately 7/8".

No. 719A
SRP \$345.00 ea

12" Stainless Steel Equal Spacing Divider

Same high quality construction and performance features as No. 719A but with twice the capacity. Maximum expansion between 1st point 11th point is approximately 19½". Maximum space between two consecutive points is approximately 2".

No. 719B
SRP \$495.00 ea

Ruling pens are precision ground, tapered, and finely honed to produce precise ruled lines with India ink and masking fluid. Packaged in see-through protective cases.



Professional 4½" Spring Blade Ruling Pen

Hardened nickel-plated steel nib and a black plastic handle. Use with ink and masking fluid.

No. 958
SRP \$10.75 ea



Professional 8" Straight Pattern Divider

Self-centering gearhead design with adjustable and replaceable steel needle points. Matte chrome finish resists wear and corrosion.

No. 777
SRP \$16.25 ea



2mm Leads

A convenient way to refill standard drawing instruments with pre-sharpened chisel points. 2mm in diameter and 3/4" long.

No.	Description	SRP
<i>12 leads/tube</i>		
5112-HB	HB	\$2.95 tu
5112-2H	2H	2.95 tu
<i>144 leads/barrel</i>		
5144-HB	HB	13.95 pk
5144-2H	2H	13.95 pk

Replacement Compass/Divider Parts

Needle Points

Chrome finish steel divider needle points with shoulders, pointed, and blunt ends. Packaged 12/tube. (except DD and JJ, 6/tube.)



No. BB
SRP \$8.15 tu



No. DD
SRP \$9.35 tu



No. EE
SRP \$8.15 tu



No. FF
SRP \$9.15 tu



No. GG
SRP \$9.15 tu



No. HH
SRP \$7.10 tu



No. JJ
SRP \$8.75 tu

Replacement T-Bolts, Eye Bolts, Clamp Screws, and Adjustable Nuts, 12/box



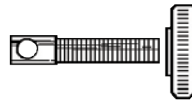
Small bolt and nut for 965 series Jet-Bow compasses, 804 and 504 series Master-Bow compasses, 843B and 843G series small bow compasses, and beam compasses.

No. B1
SRP \$7.25 dz



Medium bolt and nut with raised lip on nut and bolt. For 965 series Jet-Bow compasses, 804 and 504 series Master-Bow compasses, 843B and 843G series small bow compasses and beam compasses.

No. B2
SRP \$7.75 dz



Eye bolt, approximate eye diameter: 1/32", and nut for dividers No. 568 and No. 660.

No. B5
SRP \$13.25 dz



Bow Beam Extension Bar

Features black fiberglass sliding adapter. For No. 805, No. 505, No. 505V, and No. 129B compasses.

No. R18
SRP \$10.50 ea



Proportional Divider Points

Replacement points for No. 450, No. 452, and No. 949 proportional dividers. 4-pack.

No. DIV C
SRP \$10.00 st



Replacement Nut and T-Bolt Assembly

Fits No. Q404A and No. Q407KA. Plastic nut with T-bolt. Packaged 12/bag.

No. SB/R
SRP \$10.15 dz



Nut and Clamp

Replacement nut and clamp for 700S, 701S, and 702V Speed-Bow compasses, and introductory bow compasses 201 and 203.

No. SP/R
SRP \$7.10 dz



Compass Leads

Plastic box containing three compass leads.

No. H3
SRP \$2.35 ea



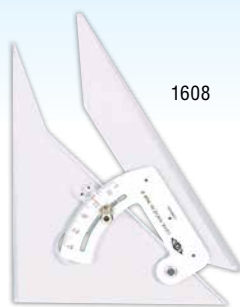
Basic-Bow Master Repair Kit

A cross-section of repair and replacement parts for all Basic-Bow drawing instruments. Permits simple repairs and replacements that keep drawing instruments maintained for extended use without becoming obsolete. Supplied in a plastic compartment case.

No. 900D
SRP \$50.00 ea

Clear-Angle Adjustable Triangles

Made of heavy duty 1/8" thick acrylic plastic, with beveled edges, die-engraved graduations, and a white protractor arc. Double row of graduations on protractor arc shows complementary angle at any setting. Angles from 0° to 90°. Built-in magnifier allows exact settings.



No.	Size	SRP
1606	6"	\$46.00 ea
1608	8"	50.00 ea
1610	10"	58.75 ea
1612	12"	70.00 ea

Computing Trig-Scale Adjustable Triangles

Rise and slope graduations. Inking edges on all three sides. Hot-stamped graduations. Thumbscrew locks triangle securely at desired angle. 0.12" thick, light blue, optically clear acrylic. Detailed instructions included.



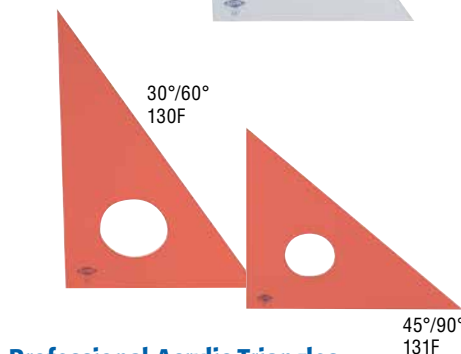
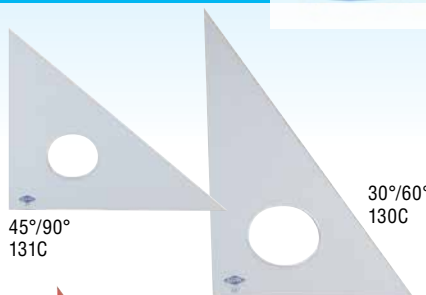
No.	Size	SRP
LX708K	8"	\$25.50 ea
LX710K	10"	29.25 ea
LX712K	12"	32.75 ea

Tru-Angle™ Adjustable Triangles

Provides the features of a 45°/90° adjustable triangle plus those of a protractor. Angles from 0° to 90° can be drawn from the baseline with 1/2° accuracy. Die-engraved graduations for high visibility. The aluminum thumbscrew securely holds the selected angle and allows quick pickup and manipulation. Made of high impact acrylic that is 0.100" thick and optically clear to eliminate parallax and allow close pencil tolerance.



No.	Size	SRP
<i>With inking edge</i>		
106CB	6"	\$35.25 ea
108CB	8"	39.25 ea
110CB	10"	44.15 ea
120CB	12"	50.85 ea
<i>Without inking edge</i>		
106C	6"	32.30 ea
108C	8"	35.70 ea
110C	10"	38.15 ea
120C	12"	47.66 ea

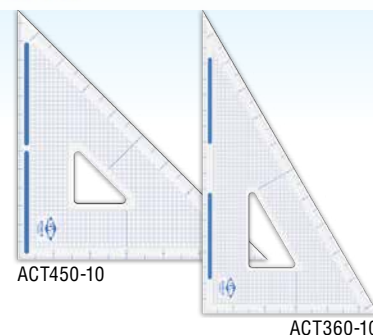


Professional Acrylic Triangles

Will not discolor or warp with age and handling. The machined finish and hand-polished edges of the C Series (clear) and F Series (fluorescent) meet or exceed government specifications. The F Series is extremely popular because the refracted light has an illuminating effect on the drawing by accentuating the triangle's edge. All models feature a double-taper cutout center for quick, easy lifting from any angle. Supplied in poly bag with hanging hole.

No.	Size	SRP
<i>Clear acrylic</i>		
45°/90°		
131C-4	4"	\$6.85 ea
131C-6	6"	7.90 ea
131C-8	8"	8.95 ea
131C-10	10"	11.05 ea
131C-12	12"	15.25 ea
131C-14	14"	20.00 ea
131C-16	16"	29.45 ea
131C-18	18"	36.75 ea
131C-24	24"	52.80 ea
30°/60°		
130C-4	4"	6.35 ea
130C-6	6"	6.85 ea
130C-8	8"	7.90 ea
130C-10	10"	8.65 ea
130C-12	12"	9.70 ea
130C-14	14"	14.20 ea
130C-16	16"	17.35 ea
130C-18	18"	19.45 ea
130C-24	24"	42.05 ea

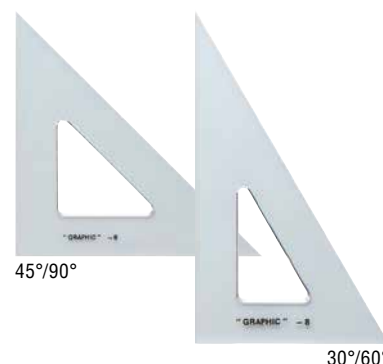
<i>Fluorescent</i>		
45°/90°		
131F-4	4"	7.40 ea
131F-6	6"	9.50 ea
131F-8	8"	13.75 ea
131F-10	10"	15.25 ea
131F-12	12"	21.05 ea
131F-14	14"	29.40 ea
30°/60°		
130F-4	4"	7.35 ea
130F-6	6"	8.45 ea
130F-8	8"	9.50 ea
130F-10	10"	10.55 ea
130F-12	12"	14.20 ea
130F-14	14"	22.05 ea



Cutting Edge Triangles

Durable clear acrylic features inset stainless steel cutting edge on one side. Printed grid includes inch markings and centering lines ideal for both right- and left-handed users. No-slip strips on one side for a stay-put grip, flip over for easy sliding.

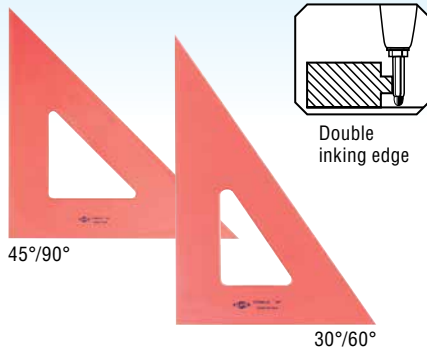
No.	Size	SRP
30°/60°		
ACT360-10	10"	\$14.50 ea
ACT360-14	14"	15.75 ea
45°/90°		
ACT450-10	10"	12.25 ea
ACT450-14	14"	14.25 ea



Academic Transparent Triangles

Economical drafting tool features professional-quality, molded 0.08" polystyrene, and built-in finger lifts to make handling easier. Supplied in poly bag with hanging hole.

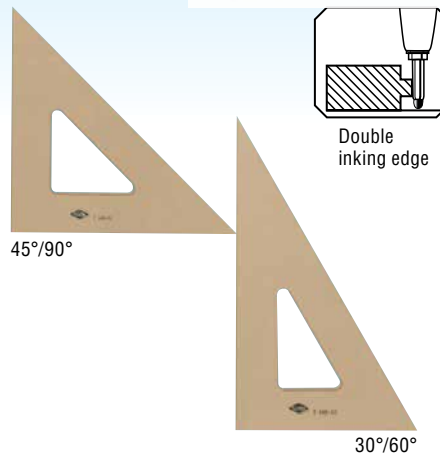
No.	Size	SRP
45°/90°		
S1450-4	4"	\$1.95 ea
S1450-6	6"	2.35 ea
S1450-8	8"	3.09 ea
S1450-10	10"	4.00 ea
S1450-12	12"	5.35 ea
30°/60°		
S1390-4	4"	1.95 ea
S1390-6	6"	2.05 ea
S1390-8	8"	2.75 ea
S1390-10	10"	3.15 ea
S1390-12	12"	4.45 ea
<i>Sets in peggable bags</i>		
AS680	6" 45°/90° and 8" 30°/60°	4.95 st
AS810	8" 45°/90° and 10" 30°/60°	6.00 st
AS1012	10" 45°/90° and 12" 30°/60°	8.25 st



Fluorescent Tint Triangles

Made of molded polystyrene 0.10" thick with double-beveled inking edges and double-beveled center cutout finger lifts. The fluorescent orange color reflects light along the drawing edge. Supplied in poly bag with hanging hole.

No.	Size	SRP
45°/90°		
FT450-4	4"	\$2.45 ea
FT450-6	6"	3.40 ea
FT450-8	8"	4.25 ea
FT450-10	10"	5.85 ea
FT450-12	12"	8.45 ea
30°/60°		
FT390-4	4"	2.40 ea
FT390-6	6"	2.85 ea
FT390-8	8"	3.40 ea
FT390-10	10"	4.25 ea
FT390-12	12"	5.75 ea
FT390-14	14"	8.45 ea



Professional Topaz Tint Triangles

Distinctive 0.100" transparent topaz-colored acrylic and double inking edges for smudge-free ruling. Double-taper cutout center for easy lifting. Tempered acrylic resists scratching. Supplied in poly bag with hanging hole.

No.	Size	SRP
45°/90°		
T145-8	8"	\$11.35 ea
T145-10	10"	14.35 ea
T145-12	12"	17.50 ea
30°/60°		
T160-8	8"	8.25 ea
T160-10	10"	12.15 ea
T160-12	12"	14.05 ea

Triangle Set

A set of clear acrylic triangles (8" 45°/90° and 10" 30°/60°) with 16ths of an inch graduations on two edges. Raised inking edge prevents smudging. Center cutout finger lifts.

No. LX810G
SRP \$13.50 ea



C-Series Triangles Display Assortment

Size: 14"w x 16"h x 6"d
Contents: 72 assorted professional triangles

No. 1143DCH
SRP \$674.70

FT-Series Triangles Display Assortment

Size: 16"w x 18"h x 7"d
Contents: 102 assorted fluorescent triangles

No. 1145FTD
SRP \$453.30

S-Series Triangles Display Assortment

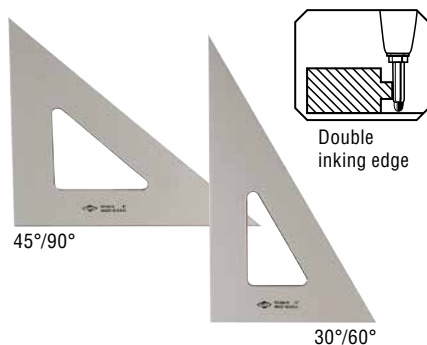
Size: 14"w x 16"h x 6"d
Contents: 144 assorted academic triangles

No. 1141D
SRP \$443.52

SK-Series Triangles Display Assortment

Size: 16"w x 18"h x 7"d
Contents: 88 assorted smoke triangles

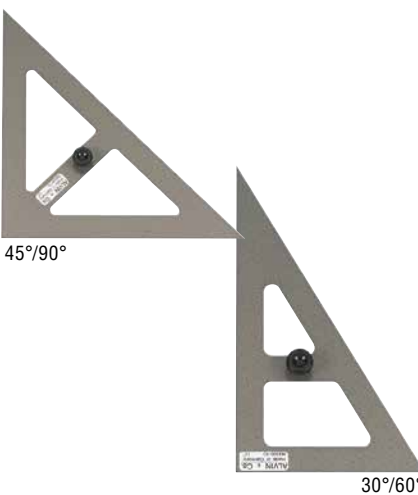
No. 1146SKD
SRP \$406.40



Smoke-Tint Triangles

These triangles are made of molded 0.10" thick polystyrene and feature a transparent non-glare smoke tint for easy visibility. Edges are double-beveled with handy fingerlifts for quick placement and removal. Supplied in poly bag with hanging hole.

No.	Size	SRP
45°/90°		
SK450-4	4"	\$2.90 ea
SK450-6	6"	3.95 ea
SK450-8	8"	4.60 ea
SK450-10	10"	5.40 ea
SK450-12	12"	8.00 ea
30°/60°		
SK360-4	4"	2.70 ea
SK360-6	6"	3.15 ea
SK360-8	8"	4.00 ea
SK360-10	10"	4.25 ea
SK360-12	12"	5.30 ea
SK360-14	14"	7.35 ea



Hardened-Steel Triangles

Made of indestructible nickel steel with a machined edge for graphic arts applications. The internal bar design, with knurled knob, provides convenient handling.

No.	Size	SRP
45°/90°		
NS345-6	6"	\$43.05 ea
NS345-10	10"	53.30 ea
NS345-15	15"	83.55 ea
30°/60°		
NS360-6	6"	36.55 ea
NS360-10	10"	47.05 ea
NS360-15	15"	67.55 ea



Semicircular 6" Protractor

Made of clear 0.09" thick plastic featuring a center cutout finger lift and beveled edges. Black, die-stamped graduations are divided into 1/2° increments.

No. P466
SRP \$2.75 ea



Semicircular Protractors

Made of heavy-duty 0.09" thick clear plastic with a beveled outer edge for accurate drawing. Features a center cutout finger lift and accurate die-stamped graduations in 1/2° increments.

No.	Size	SRP
P476	6"	\$3.35 ea
P477	8"	5.25 ea



Semicircular 6" Protractor

Protractor has beveled edges and center cutout finger lift. Assorted colors, no choice. Sold by the dozen.

No. FL07/DZ
SRP \$13.90 dz



Circular Protractors

Made of durable 0.08" thick polystyrene. Features a full 360° of long-lasting graduations and beveled edges. Center cutout for easy lifting.

No.	Size	SRP
P234	4"	\$2.75 ea
P236	6"	3.60 ea
P238	8"	13.25 ea



1010-6



1010-8



1010-13



1010-14



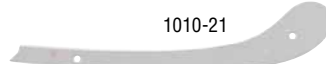
1010-16



1010-17



1010-18



1010-21



1010-24

Transparent Irregular Curves

Professional quality, hand-finished curves of 0.06" thick acrylic. Sizes given are nominal.

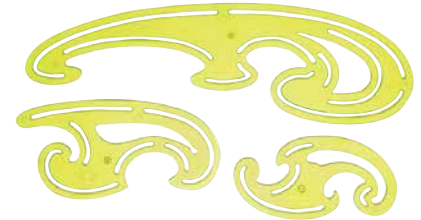
No.	Pattern	Size	SRP
1010-6	6	5"	\$4.65 ea
1010-8	8	6"	6.75 ea
1010-13	13	8"	6.95 ea
1010-14	14	7"	9.05 ea
1010-16	16	8"	11.60 ea
1010-17	17	9½"	6.95 ea
1010-18	18	9"	9.85 ea
1010-21	21	12½"	9.40 ea
1010-24	24	14"	10.40 ea



Ship Curve Set

Set of 6 ship curves fabricated from clear acrylic with smooth edges. Sizes include 6¾", 12½", 13", 15½", 24", 24". Plastic thickness is 0.08".

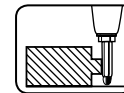
No. SC66A
SRP \$25.00 st



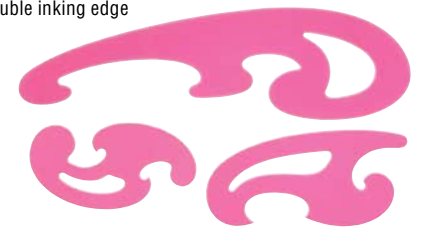
3-Piece French Curve Set

Curves molded of green-tinted 0.09" thick polystyrene. Convenient, reusable storage envelope. Sizes 5½", 6½", and 12½".

No. FC33
SRP \$9.25 st



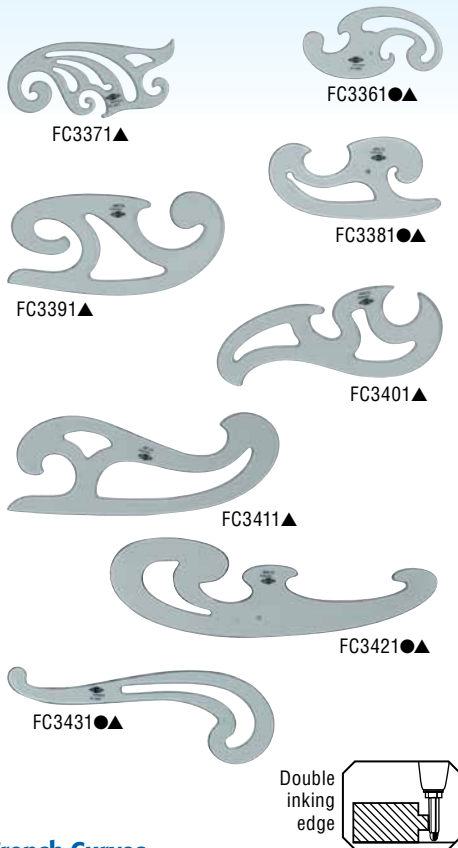
Double inking edge



3-Piece French Curve Set

Sets contain three of the most popular curves molded in polystyrene. Features a double inking edge. Supplied in a reusable storage wallet. Hot pink color.

No. LX3PK
SRP \$7.95 st



French Curves

Popular curves molded of smoke gray-tinted 0.08" thick polystyrene with double inking edges. Packaged in protective vinyl case.

No.	Size	SRP
FC3361●▲	5 1/4"	\$3.00 ea
FC3371▲	6 1/2"	3.60 ea
FC3381●▲	6 1/2"	3.60 ea
FC3391▲	8"	4.60 ea
FC3401▲	8 1/2"	4.60 ea
FC3411▲	10 1/4"	5.00 ea
FC3421●▲	12 1/2"	5.15 ea
FC3431●▲	10 1/4"	5.60 ea
FC44●	Set of 4	11.50 st
FC88▲	Set of 8	19.75 st

4-Piece French Curve Sets Display

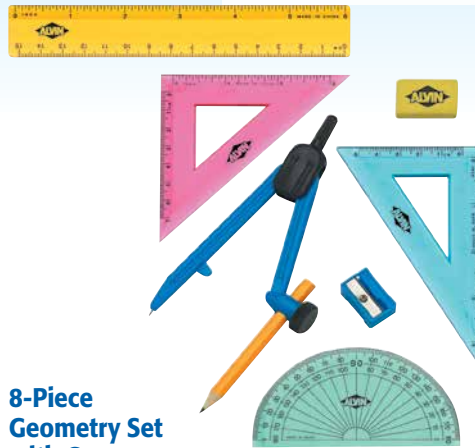
Size: 9"w x 16"h x 7"d
Contents: 18 pieces of FC44

No. FC44D
SRP \$207.00

3-Piece French Curve Sets Display

Size: 9"w x 16"h x 7"d
Contents: 18 pieces of FC33

No. FC33D
SRP \$166.50



8-Piece Geometry Set with Compass

Includes 6" ruler, 4" protractor, 3" 45°/90° triangle, 4" 30°/60° triangle, compass, pencil, pencil sharpener, and eraser, in a convenient, reusable hinged storage case.

No. FL04
SRP \$4.89 st



4-Piece Geometry Set

Features an easy-grip design. Made of clear, durable plastic, with solid stripe accent. Includes 12" ruler, 5" 45°/90° triangle, 7" 30°/60° triangle, and a 6" protractor all graduated in inch and metric. Packaged in reusable vinyl storage pouch. Available in assorted colors, no choice.

No. FL41
SRP \$4.95 st



Lightweight Truflex II Flexible Curves

Lightweight aluminum core is easy to shape and holds any curve firmly for accurate drawings. Graduated in both English and metric. Inch graduations in 16ths and 32nds are color coded black for quick identification. Metric graduations in mm and cm are color coded red. Convenient inking edges for pen and marker use and flat edges on both sides for pencil drawing. Lead and phthalate free. Blister-carded.

No.	Description	SRP
A1044-12	12"	\$9.25 ea
A1044-16	16"	11.50 ea
A1044-24	24"	19.00 ea
A1044-32	32"	22.00 ea
A1044-40	40"	25.00 ea



10-Piece Mathematical Instrument Set

Set includes metal pencil compass, alphabet stencil, 45° triangle, 30°/60° triangle, vinyl eraser, metal divider, pencil, 6"/15cm ruler, 180° protractor, and sharpener. Packaged in attractive metal case with printed conversion charts inside lid.

No. MS10
SRP \$6.50 st



Rolling Parallel Rulers

A multi-purpose drawing tool made from high-impact plastic for students, artists, and designers. Graduated in both English and metric. Includes many useful formulas and conversion factors. Draw horizontal and vertical parallel lines with ease. Draw circles, curves, or arcs. Use the built-in protractor to draw angles. Blister-carded, instructions on back.

No.	Size	SRP
306	6"	\$7.65 ea
312	12"	10.75 ea



Professional Parallel Gliders

An easy-to-use instrument that combines the functions of a parallel straightedge, triangle, protractor, T-square, and compass in one. One of the most useful and convenient aids for drafting, drawing, and nautical applications. Smooth gliding action to easily make parallel lines without twisting or turning under accidental pressure. Features durable acrylic blade with printed graduations, through-holes at 1/2" increments for drawing circles, and a comfortable aluminum roller bar with non-skid rubber O-rings for a firm grip on any surface. Individually blister-carded with detailed instructions included.

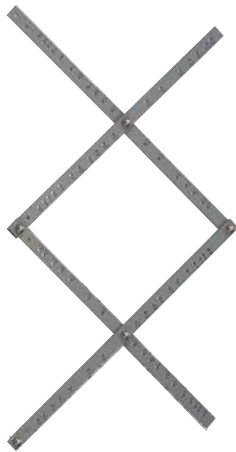
No.	Size	SRP
<i>Inch</i>		
295	10"	\$28.85 ea
296	14"	31.95 ea
<i>Metric</i>		
295M	10"	28.85 ea
296M	14"	31.95 ea



Folding Parallel Rules

Transparent blades for easy reading with non-skid pads. Sturdy aluminum links provide the right amount of tension for drawing a line parallel to another line or reference point. Metal parts are non-magnetic and corrosion resistant. Opens to 3" spacing between blades.

No.	Description	SRP
A1500-12	12"	\$10.95 ea
A1500-15	15"	12.50 ea
A1500-18	18"	14.25 ea



Wood Pantographs

Create enlarged or reduced drawings up to 10x scale. Features arms made from seasoned hardwood and chromed steel hardware and components. Includes table clamp and four spare leads. Not designed for 1:1 ratio. 1/box.

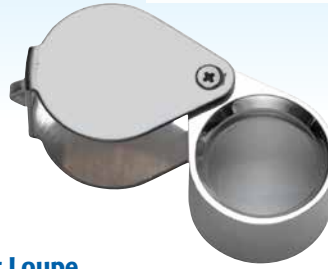
No.	Description	SRP
PA305	18", 20 ratios	\$36.00 ea
PA306	21", 25 ratios	39.00 ea
PA308	24", 30 ratios	47.00 ea



6x Lighted Magnifier with Case

Handheld with eight LED lights. Brushed stainless frame is 8" long and 2" in diameter. Includes carry case. Uses two AA batteries (included).

No. C2498
SRP \$46.00 ea



10x Triplet Loupe

Highly recommended where greater magnification is required. Made of three lenses cemented together, achromatic. Includes leatherette case.

No. C813
SRP \$55.95 ea



Doublet Loupes

Doublet loupes in nickel-plated frame which slides into the nickel-plated brass body.

No.	Description	SRP
C792	10x magnification, with case	\$12.25 ea
C794	16x magnification	13.75 ea



8x LED Linen Tester

Plastic 24mm diameter lens with LED light. Plastic housing contains measuring scale on stand base. Open size is 1 1/16" x 2 3/16" x 2 3/16".

No. CG8X
SRP \$22.00 ea



1.75x Magnifier Lamp

Professional, low heat magnifying lamp with high quality, extra-large 5" diameter lens features a fully adjustable internal spring-arm with a 45" reach. Convenient stay cool handle on head for positioning. 3-diopter glass lens provides 1.75x magnification. Removable protective lens cover makes this magnifier lamp usable as a table lamp. Uses one T9 22w daylight simulation bulb (included). Includes heavy-duty adjustable desktop mounting clamp that fits up to 2 1/2" thick surfaces. All metal construction. UL listed.

No.	Description
ML255-B	Black

SRP \$132.95 ea



3-D Binocular Magnifiers with Adjustable Headband

Precision-ground and polished prismatic lenses of scratch-resistant plastic, designed to converge in different focal lengths. Worn on the head with an adjustable, soft plastic headband for hands-free work. Protects eyes and forehead to reduce chance of accident. Lessens tension, strain, and fatigue. May be worn over prescription glasses. Lens frame flips up for normal vision.

No.	Magnification	Work Distance
7744	1.75x	14"
7745	2.25x	10"
7747	2.75x	7"

SRP \$18.75 ea



4" Mini Aluminum Triangular Scales

Professional pocket scale constructed of solid aluminum for light weight and durability. Features tapered edges and color-coded furrows. Comes in vinyl sheath.

No.	Description
30ATS	Architect
31ATS	Engineer
37ATS	Metric, 1:100, 1:200, 1:300, 1:400, 1:500, 1:600

SRP \$10.50 ea



40 Series 4" Mini Hardwood Triangular Scales

Professional-quality scales with a solid hardwood core, white, high-impact plastic laminated faces and tapered edges. Machine-engraved graduations and color-coded furrows. Supplied in plastic sleeve.

No.	Description
40MTS	Architect
41MTS	Engineer
47MTS	Metric, 10cm, 1:100, 1:200, 1:300, 1:400, 1:500, 1:600

SRP \$17.95 ea



600 Series 6" Plastic Triangular Scales

High-quality scales made from high-impact plastic with white, non-reflecting, matte faces and tapered edges. Printed graduations and color-coded furrows.

No.	Description	SRP
610A	Architect	\$6.45 ea
610E	Engineer	6.45 ea
P600C	Set of two (one each)	12.00 st



Scale Guard

Fits most standard triangular scales. A perfect handle for lifting and maneuvering scales. Assorted colors for easy scale identification. Maintains scale orientation so graduations always face down.

No.	Description	SRP
669DZ	Bagged, 12-pack	\$10.50 dz
669BC	Blister-carded, 2-pack	1.79 pk



110 Series Student/Vocational Triangular Scales

These 12" triangular scales are ideal for scholastic and vocational use. Satin finish, high-impact plastic with tapered edges. Sharp, easy-to-read graduations resist wear.

No.	Description	SRP
<i>Architect</i>		
110P	White	\$4.80 ea
110PC	White, blister-carded	5.05 ea
110PY	Yellow	10.00 ea
<i>Engineer</i>		
111P	White	4.80 ea
111PC	White, blister-carded	5.05 ea
111PY	Yellow	10.00 ea

Mechanical drafting (architect/engineer)

110PX	White	4.80 ea
110PXY	Yellow	10.00 ea

Metric (white, 30cm)

117PM	1:20, 1:33⅓, 1:40, 1:50, 1:80, 1:100	4.80 ea
121PM	1:100, 1:200, 1:250, 1:300, 1:400, 1:500	4.80 ea

Combination (English/metric)

119PC	1:100 metric, 10 and 50 parts to the inch, 1/4, 1/2 size; 50ths and 32nds, full size	4.80 ea
120PC	1:50, 1:100 metric, 50ths and 16ths full size, 1/4, 1/2 size, 1/8 and 1/4 = 1 foot	8.95 ea



Student 12" Triangular Scales Display Assortment

Size: 16¼" w x 7¼" w x 6¼" d
 Contents: 66 scales: 110P, 110PX, 111P, 117PM

No. 7222D
SRP \$316.80



240P Series Plastic Professional Triangular Scales

Professional-quality scales made from high-impact plastic with white, non-reflecting, matte faces and tapered edges. Machine-engraved graduations and color-coded furrows. Supplied in hard plastic case. 12".

No.	Description
240P	Architect, with left to right reading calibration
241P	Engineer
244P	Mechanical drafting
247P	Metric, 30cm, 1:20, 1:333, 1:40, 1:50, 1:80, 1:100

SRP \$16.00 ea



Professional 12" Triangular Scales Display Assortment

Size: 16¼" w x 7¼" w x 6¼" d
 Contents: 36 scales: 240P, 241P, 244P, 247P

No. 6222D
SRP \$575.85



240BP Series Black Plastic Triangular Scales

Professional-quality scales made from high-impact plastic with black, non-reflecting, matte faces and tapered edges. Machine-engraved white graduations and color-coded furrows. Supplied in hard plastic case. 12".

No.	Description
240BP	Architect
241BP	Engineer

SRP \$16.00 ea

All architect scales have the following graduations unless otherwise noted:
 3/32, 3/16, 1/8, 1/4, 1/2, 1, 3/8, 3/4, 1½, 3" to the foot; one edge to 16ths

All engineer scales have the following graduations unless otherwise noted:
 10, 20, 30, 40, 50, 60 parts to the inch

Mechanical drafting scales have the following graduations: 1/8, 1/4, 1/2, 1" to the foot; 3/8, 1/2, 3/4 size; 50ths and 16ths



270P Series Boxwood-Color Plastic Triangular Scales

High-quality scales made from high-impact, boxwood-color plastic with tapered edges. Hot foil-stamped graduations and color-coded furrows. Supplied in plastic sleeve. 12".

No.	Description
270P	Architect
271P	Engineer
270PX	Mechanical drafting
SRP \$15.50 ea	



2200M Series Solid Aluminum Triangular Scales

High-quality anodized aluminum scales have a large profile, solid core, and tapered edges. Printed black graduations. 12" supplied in hard plastic case. 18" and 24" supplied in plastic sleeve.

No.	Description	SRP
<i>Architect</i>		
2200M-1	12"	\$22.85 ea
2200M-118	18"	30.45 ea
2200M-124	24"	43.75 ea
<i>Engineer</i>		
2200M-2	12"	22.85 ea
<i>Metric</i>		
2200M-3	30cm, 1:20, 1:25, 1:50, 1:75, 1:100, 1:125	22.85 ea
2200M-5	30cm, 1:100, 1:200, 1:250, 1:300, 1:400, 1:500	22.85 ea
2200M-6	30cm, 1:500, 1:1000, 1:1250, 1:1500, 1:2000, 1:2500	22.85 ea



240B Series Bamboo Professional Triangular Scales

Professional-quality scales with a bamboo core, white high-impact plastic laminated faces and tapered edges. Machine engraved divisions and color-coded furrows. Supplied in hard plastic case. 12".

No.	Description	SRP
<i>Architect</i>		
240B		\$33.50 ea
<i>Engineer</i>		
241B	Double-numbered	33.50 ea
245B	10, 20, 25, 30, 40, 50 parts to the inch	33.50 ea



740PM Series Metric Plastic Triangular Scales

Professional-quality metric scales made from high-impact plastic with white, non-reflecting, matte faces and tapered edges. Hot-stamped graduations and color-coded furrows. Supplied in hard plastic case. 30cm.

No.	Description
740PM	1:20, 1:25, 1:50, 1:75, 1:100, 1:125
742PM	1:100, 1:200, 1:250, 1:300, 1:400, 1:500
743PM	1:100, 1:200, 1:300, 1:400, 1:500, 1:600
744PM	1:2.5, 1:5, 1:10, 1:20, 1:50, 1:100
748PM	1:20, 1:25, 1:33⅓, 1:50, 1:75, 1:100
SRP \$18.50 ea	



98 Series Black Aluminum Triangular Scales

High-quality, black anodized aluminum scales have a large profile, hollow core, and tapered edges. Printed white graduations and color inlaid furrows. Supplied in hard plastic case. 12".

No.	Description
98/ARC	Architect
98/ENG	Engineer
SRP \$25.00 ea	



Series 310 White Plastic Flat Pocket Scales

6" four-bevel white scales made of high-impact lightweight plastic. Printed graduations. Supplied in vinyl sheath.

No.	Graduations
310A ♦	1/8, 1/4, 1/2, 1, 3/8, 3/4, 1½, and 3" to the foot
311E ●	10 and 50, 30, and 40 parts to the inch
SRP \$6.60 ea	

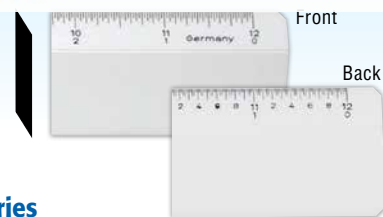
KEY: ♦ Architect ● Engineer



764 Series English/Metric Mechanical Draftsman Flat Scale

12"/30cm four-bevel white scale made of high impact plastic. All graduations are double numbered. Full size – inches to 50ths and 32nds. Half size – inches to 16ths. Metric to 1mm. Supplied in vinyl sheath.

No. 764PM
SRP \$14.50 ea



250 Series Mechanical Draftsman White Plastic Flat Scale

12" opposite-bevel white scale made of high-impact plastic. Engine-divided graduations. Double-numbered, full size, inches reading to 32nds. Full size, inches reading to 50ths. Supplied in vinyl sheath.

No. 258P
SRP \$27.00 ea



Series 280 White Plastic Flat Scales

12" two-bevel white architect scales made of high-impact plastic. Engine-divided graduations. Supplied in vinyl pocket sheath.

No.	Description
280P	1/8" and 1/4" to the foot
280XP	In 16ths and 32nds to represent 200' on the 16th scale; in 16ths and 32nds to represent 400' on the 32nd scale; 1/16" and 1/32" to the foot

SRP \$38.00 ea



Series 260 White Plastic Flat Scales

Four-bevel white scales made of high-impact plastic. Printed graduations.

No.	Description	SRP
260P ♦	12" divided: 1/8", 1/4", 1/2", 1", 3/8", 3/4", 1½", and 3" to the foot	\$21.25 ea
261P ●	12" divided, not double-numbered: 10, 30, 40, and 50 parts to the inch	21.25 ea
266P ♦	6" divided: 1/8", 1/4", 1/2", 1", 1⅜", 1½", and 3" to the foot	15.50 ea
267P ●	6" divided, double numbered: 10, 30, 40, and 50 parts to the inch	15.50 ea
269P ●	6" divided, double numbered: 10, 20, 30, 40, 50, and 60 parts to the inch	15.50 ea

KEY: ♦ Architect ● Engineer



12" Plastic Ruler

Transparent, shatter-resistant classroom ruler in assorted colors, no choice. 1½" wide.

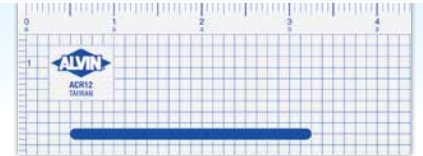
No. FL02
SRP \$2.35 ea



12" Plastic Ruler

Perfect for home, school, or office. Fluorescent color makes it easy to locate. English/metric graduations. 1¼" wide. Assorted colors, no choice.

No. RT12
SRP \$1.89 ea



ACR12

Cutting Edge Rulers

Durable clear plastic features stainless steel cutting edge. Printed grid includes inch markings and centering lines. Ideal for both right and left-handed users. No-slip strips on one side for a stay-put grip, flip over for easy sliding.

No.	Size	SRP
ACR12	12"	\$9.00 ea
ACR20	20"	12.25 ea



12" Plastic Rulers Display Assortment

Size: 5"w x 1¼"w x 12½" D
 Contents: 36 assorted rulers

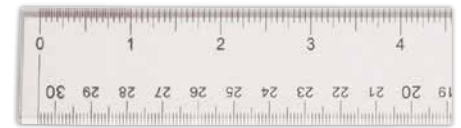
No. FL02D
SRP \$75.00



12" Fluorescent Plastic Rulers Display Assortment

Size: 5"w x 1¼"w x 12¼" d
 Contents: 48 assorted rulers

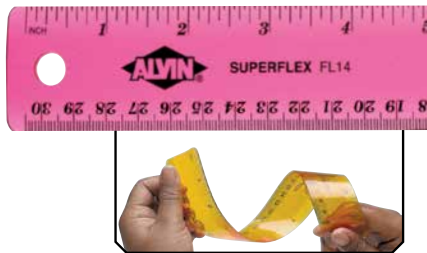
No. RT12D
SRP \$85.00



12" Ruler

Clear plastic scaled 1/16" on one edge and metric on the other edge. Plumb line on each edge. Scale width is 1¼".

No. CP212
SRP \$5.05 ea



12" Plastic Superflex Ruler

This super pliable ruler is virtually indestructible. It can be twisted or bent and always returns to its original flat position. Ideal for measuring curved surfaces. Graduated in 16ths and mm. Assorted transparent colors, no choice.

No. FL14
SRP \$2.15 ea



12" Plastic 3-Ring Binder Ruler

Transparent, shatter-resistant classroom ruler in assorted colors, no choice. Fits in 3-ring binders.

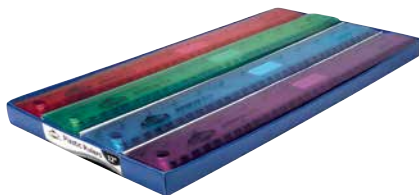
No. FL01
SRP \$1.49 ea



12" Wood Ruler

Beechwood ruler with a natural polished finish. Scaled in centimeters and inches. Inch scale has 16ths and 32nds in first and last inch. Supplied in sheath.

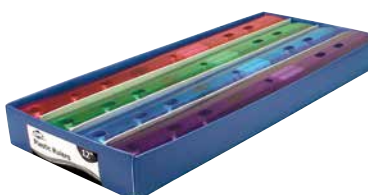
No. R212
SRP \$4.55 ea



12" Plastic Superflex Rulers Display Assortment

Size: 6½"w x 5/8"w x 12¾" d
 Contents: 28 assorted rulers

No. FL14D
SRP \$54.00



12" Plastic 3-Ring Binder Rulers Display Assortment

Size: 7½"w x 1¼"w x 12½" d
 Contents: 48 assorted rulers

No. FL01D
SRP \$70.00



Rulers

Scratch-resistant, super-clear acrylic with raised edge to prevent smearing. Scaled 1/16" on one edge, metric on opposite edge, blank spaces at ends for easier measuring, plumb line at each end.

No.	Size	SRP
T40-12	12"	\$3.50 ea
T40-18	18"	4.50 ea

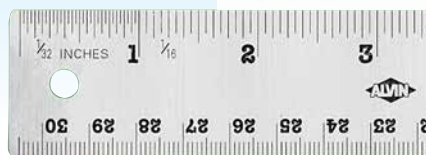
End View



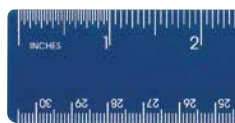
Aluminum Rulers

These aluminum rulers feature a stainless steel cutting edge on one side and a grooved rubber backing to prevent slipping. Graduated in English and metric.

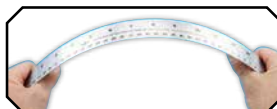
No.	Size	SRP
AS07-12	12"	\$9.25 ea
AS07-18	18"	12.75 ea
AS07-24	24"	16.25 ea
AS07-39	39"	26.00 ea



1/32" graduations for close work

Non-skid
cork backing

R590-12BL



Flexible Stainless Steel Rulers

Made of finest quality stainless steel with non-skid cork backing that won't slip on glass or polished surfaces. Flexible enough to permit measuring curved surfaces. Raised edges eliminate ink blots and smearing. Permanent acid etched graduations won't wear off. Graduated to 32nds, 16ths, and metric. 1 1/4" wide.

No.	Description	SRP
R590-6	6"	\$2.50 ea
R590-12	12"	3.89 ea
R590-12BL	12", blue	3.89 ea
R590-15	15"	5.25 ea
R590-18	18"	5.89 ea
R590-24	24"	7.95 ea
R590-36	36"	12.69 ea



6" Stainless Steel Pocket Rules

Etched graduations. Pocket clip doubles as a depth gauge. Convenient fraction/decimal equivalents on reverse side. 1/2" width.

No.	Description	SRP
1532	Graduated in 16ths, 32nds, and 64ths	\$4.09 ea
1533	Graduated in mm to 15cm and 32nds	4.09 ea



6" Stainless Steel Pocket Rules Display

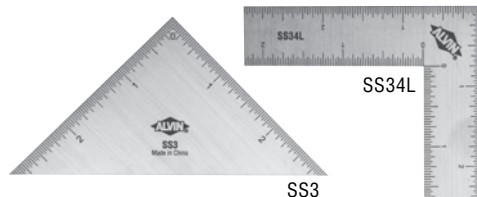
Size: 2 3/4" w x 8 1/2" w x 6" d
Contents: 24 pieces of 1532

No. 1532D
SRP \$98.16

Flexible Stainless Steel Rulers Display Assortment

Size: 8" w x 19" w x 4" d
Contents: 48 assorted silver rulers

No. R590D
SRP \$210.36



Stainless Steel Rulers

Made of durable stainless steel with etched inch graduations. Ideal for hobby and craft projects.

No.	Description
SS3	3" triangle
SS34L	3" x 4" L-square

SRP \$8.50 ea



25' Tape Measure

Retractable tape measure with wrist strap features three convenient locking stops located on the top, side, and bottom. Injected metal hook end includes magnets. Nylon-coated blade has longer stand-out. Black and red graduations: feet into inches, 1/8", and 1/16", and centimeters to millimeters. Blister-carded..

No. ATM25
SRP \$16.75 ea



5' Estimator's Pocket Tape Measure

Architect graduations 1/4" and 1/8". Bright yellow enamel finish, smooth-running metal tape. Bold, easy-to-read graduations. Spring-action tape return and slide button tape lock. Compact and lightweight with convenient hanging cord. Blister-carded. 1/4" wide.

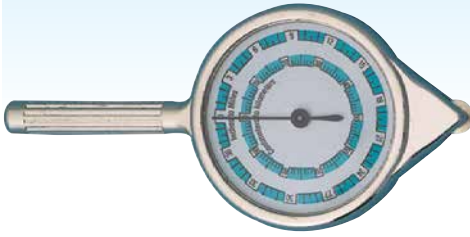
No. ET584
SRP \$9.59 ea



Tally Counter

Record and count instantly with this precision counter. Easy action lever changes count with slight thumb pressure and a single side knob turn resets counter to zero. Four-digit register records up to 9999. Hand-held.

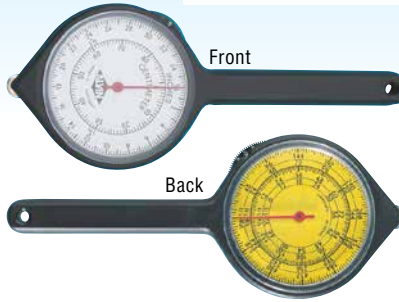
No. T544
SRP \$14.95 ea



Two-Face Map, Plan or Curve Measure

Bright, nickel-plated finish with convenient handle and clear, unbreakable plastic lenses. For measuring distances on roads, curves, contours, maps, patterns, and drawings. Dial registers inches, half-inches, and centimeters up to 39" and 99cm. Also measures statute miles and nautical miles. Multiply for feet, yards, or miles.

No. 1111
SRP \$55.00 ea

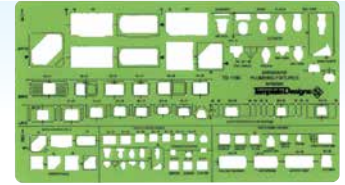


For Scale	One Revolution Measures
1/16" = 1'	576'
1/8" = 1'	288'
1/4" = 1'	144'
1/2" = 1'	72'
Inches	36"
Centimeters	1 Meter

Double Readout Plan Measure

Ideal for blueprints, map scaling, and drawing. Determines distances in miles or kilometers on maps and plans according to scales indicated on dial. Assures precision measurement forward or backward and follows curved lines. Precision metal gears are reset by revolution counter. Convenient handle for easy maneuverability. Two large, easy-to-read dials with unbreakable plastic faces. White dial graduated in inches and centimeters (36" = 92cm). Yellow dial graduated in 1/2", 1/4", 1/8", and 1/16" to the foot. Includes leather-like vinyl pouch for protection.

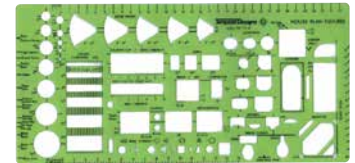
No. 1121
SRP \$45.95 ea



Plumbing Fixtures

Contains baths, shower stalls, lavatories, and sinks. Scales: 1/4" and 1/8" = 1'. Size: 5 1/8" x 9 3/4" x .030".

No. TD1190
SRP \$11.55 ea



House Plan Fixtures

Contains door swings, kitchen and lavatory fixtures, ANSI symbols, circles, floor elevation indicator, and roof pitch index. Scale: 1/4" = 1'. Size: 4 1/2" x 9 5/8" x .030".

No. TD1538
SRP \$11.30 ea

House Plan Fixtures

Same as No. TD1538, but in half size. Scale: 1/8" = 1'. Size: 3 1/4" x 5 1/2" x .030".

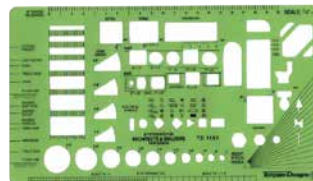
No. TD226
SRP \$11.10 ea



Two-Face Inch Counter

Includes ring for compact pocket use and large diameter for easy readout. One side is fitted with a special dial for exact measurement of straight lines and curves on technical plans, drawings, blueprints, etc. While the pointer indicates traced distance in inches, the counter disk registers it in feet. The second dial measures distances on maps or plans made to scales of 1/2", 1/4", and 1/8" to a foot and counts the number of full pointer revolutions.

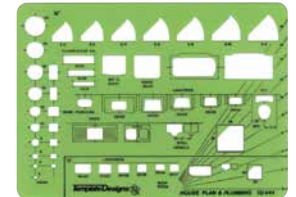
No. 1118
SRP \$66.00 ea



Architects & Builders

Contains circles, rectangles, lavatory and kitchen fixtures, roof pitch index, tile layout gauge, door swings, floor elevation indicator, and electrical symbols. Scale: 1/4" = 1'. Size: 5 1/8" x 9 3/4" x .030".

No. TD1151
SRP \$10.05 ea



House Plan & Plumbing

Contains door swings, plumbing and light fixtures, kitchen equipment, and roof pitch gauge. Scale: 1/4" = 1'. Size: 5 1/8" x 7" x .030".

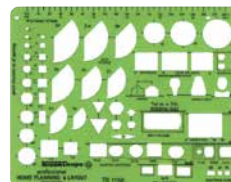
No. TD444
SRP \$8.35 ea



Two-Face Inch Counter

The same as No. 1118, but with easy grip 1 1/2" long fixed handle. Packed in a leatherette case.

No. 1117
SRP \$72.00 ea



Home Planning & Layout

Contains lavatory and kitchen fixtures, and door swings. Scale: 1/4" = 1'. Size: 5 1/2" x 7" x .030".

No. TD1150
SRP \$7.40 ea



Landscape Design

Contains various symbols for landscape design. Scale: 1/4" = 1'. Size: 7" x 8 1/4" x .030".

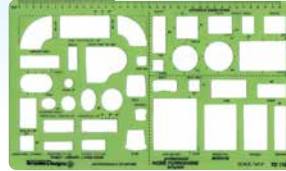
No. TD1178
SRP \$11.30 ea



Kitchen & Cabinet Design

Contains counter and corner elevations, appliances, sinks, and bowls.
Scale: 1/2" = 1'. Size: 9 7/8" x 9 7/8" x .030".

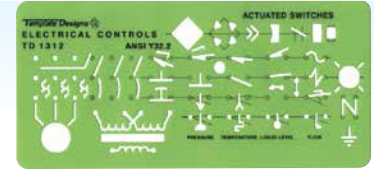
No. TD253
SRP \$13.25 ea



Home Furnishings

Contains dimensioned furniture for kitchen, dining room, bedroom, and living room.
Scale: 1/4" = 1'. Size: 5 3/4" x 10" x .030".

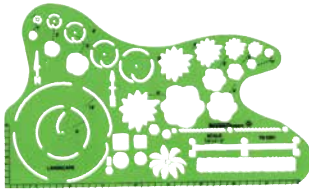
No. TD1155
SRP \$10.05 ea



Electrical Controls

Contains standard symbols used in machinery and automation circuits.
Size: 3 3/4" x 8" x .030".

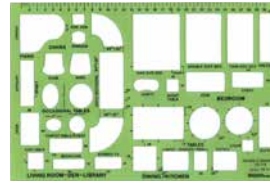
No. TD1312
SRP \$9.80 ea



Landscape Design

Contains various symbols for landscape design.
Scale: 1/4" = 1'. Size: 7 1/8" x 11 1/8" x .030".

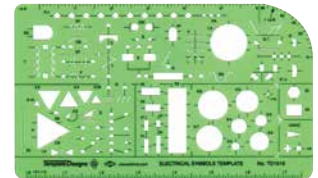
No. TD5351
SRP \$11.90 ea



House Furnishings

Contains furniture pieces for living and dining rooms, den, library, bedroom, and kitchen.
Scale: 1/4" = 1'. Size: 5 5/8" x 8 5/8" x .030".

No. TD714
SRP \$11.30 ea



Electrical/Electronic

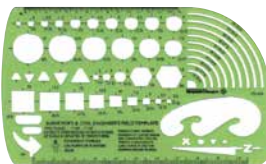
Contains standard symbols used for schematic diagrams.
Size: 5 1/4" x 8 1/4" x .030".

No. TD1515
SRP \$13.95 ea

Landscape Design

Same as No. TD5351 in 1/8" scale.
Size: 3 1/2" x 6" x .030".

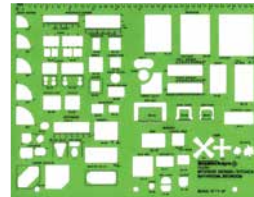
No. TD5361
SRP \$8.35 ea



Survey & Civil Engineer

Contains standard symbols and users legend.
Size: 4" x 6 1/2" x .030".

No. TD654
SRP \$9.30 ea



Interior Design - Kitchen, Bed & Bath

Contains cabinets, appliances, beds, dressers, etc.
Scale: 1/4" = 1'. Size: 8 1/2" x 11" x .030".

No. TD7161
SRP \$19.10 ea



Small Circle Guide

Contains 39 circles from 1/16" to 1 3/8".
Size: 4 1/4" x 7 1/4" x .030".

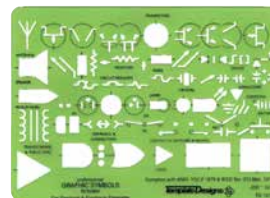
No. TD1200
SRP \$8.25 ea



Screw Data Selector

Slide chart design for determining sizes of various screws, threads, drills, holes, etc.
Size: 5" x 10".

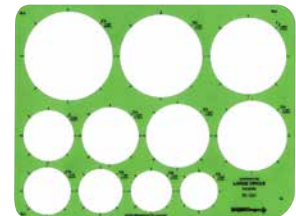
No. 7355
SRP \$21.45 ea



Electric/Electronic

Contains electronic tubes, capacitors, circuit breakers, resistors, relays, switches, logic symbols, etc. Designed for .200" grid.
Size: 5" x 7" x .030".

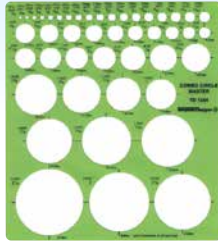
No. TD1279
SRP \$11.30 ea



Large Circles

Contains 11 large circles from 1 1/2" to 3 1/2".
Size: 8 1/2" x 11" x .030".

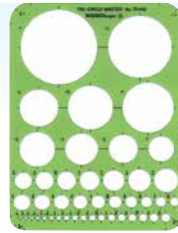
No. TD1201
SRP \$10.55 ea



Circle Master

Contains 45 circles from 1/16" to 2 3/4".
 Size: 7 1/4" x 8 3/4" x .030".

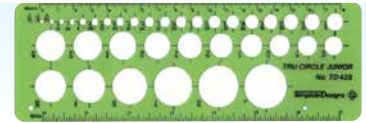
No. TD1204
SRP \$9.55 ea



Circle Master

Contains 44 circles from 1/16" to 3".
 Size: 7" x 9 1/4" x .030".

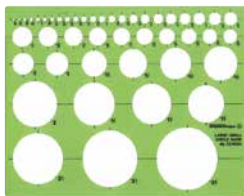
No. TD445
SRP \$12.25 ea



Junior Circle Guide

Contains 37 circles from 1/32" to 1".
 Size: 2 3/4" x 8 1/4" x .030".

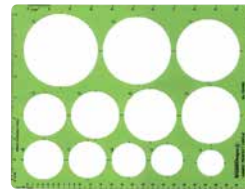
No. TD425
SRP \$7.55 ea



Circle Guide

Contains 46 circles from 1/16" to 2 3/4".
 Size: 8 5/8" x 11 1/8" x .030".

No. TD4000
SRP \$13.35 ea



Jumbo Circle Guide

Contains 12 circles, 1 1/4" to 3 1/2".
 Size: 9" x 11 5/8" x .030".

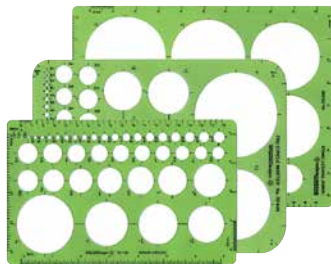
No. TD495
SRP \$11.30 ea



Ellipse Sets

Ellipses from 10° through 80°.

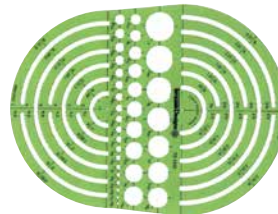
No.	Description	SRP
<i>Small series, 5/32" to 2", 26-29 cutouts</i>		
3902-02	Set of 15	\$170.00 st
3902-00	Set of 10 (15° through 60°)	123.65 st
<i>Large series, 2 1/8" to 4", 12 cutouts</i>		
3903-02	Set of 15	231.80 st
3903-00	Set of 10 (15° through 60°)	164.80 st



Circle Guide Set of 3

Contains 98 circles on three templates (Nos. TD435, TD445, and TD495). Size range from 1/32" to 3 1/2".
 Size: 8 1/2" x 11" x .030" each.

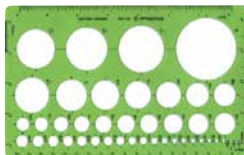
No. TD404
SRP \$29.50 st



Circle Radius Master

Contains 54 circle and radii cutouts for drawing circles from 3/64" to 7 1/2" diameter.
 Size: 7 1/2" x 10" x .030".

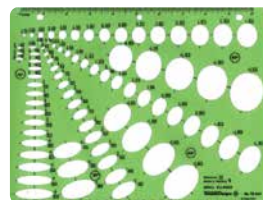
No. TD1202
SRP \$11.00 ea



Senior Circle Guide

Contains 42 circles from 1/32" to 2".
 Size: 5" x 8" x .030".

No. TD435
SRP \$5.95 ea



Small Ellipse Guide

Contains 79 ellipses in projections of 15, 30, 45, and 60, 15 from 3/16" to 1 5/8", 30 from 1/8" to 1 1/2", 45 from 1/8" to 1 3/4", and 60 from 1/8" to 1 5/8".
 Size: 8 1/2" x 11" x .030".

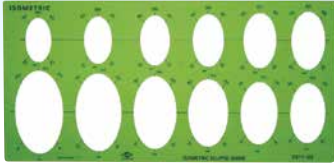
No. TD333
SRP \$14.20 ea



Extra Large Series Ellipse Set of 12

Contains 12 templates from 5° through 60°. Use for drawing ellipses from 4" to 10". 5°, 10°, 15°, 20°, 25°, 30°, 35°, 40°, and 45° templates have 12 cutouts and progress from 4" to 10" in 1/2" increments. 50°, 55°, and 60° templates have 10 cutouts each and progress from 4" to 9" in 1/2" increments.

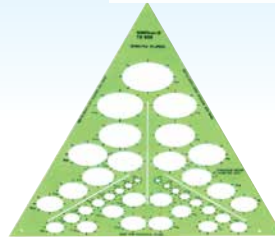
No. 3903-96
SRP \$220.50 st



Large Isometric Guide

Contains 12 ellipses from 2 1/8" to 4".
Size: 9 5/8" x 19 3/4" x .020".

No. 3911-02
SRP \$19.90 ea



Isometric Ellipses

Contains 39 ellipses from 1/8" to 1 3/4".
Size: 11 5/8" x 11 5/8" x .025".

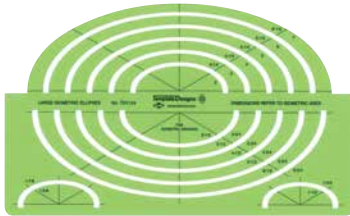
No. TD868
SRP \$13.40 ea



Human Figure

A unique silhouette template of the adult male figure with 9 riveted joints for creating many true-to-life positions.
1:5 scale.
Size: 13 3/8" x .030".

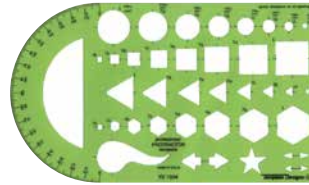
No. TD1735A
SRP \$22.15 ea



Large Isometric Ellipses

Contains 12 isometric ellipses with axes from 1 1/2" to 2" in increments of 1/8" and from 2" to 7" in increments of 1/4".
Size: 6" x 9 7/8" x .030".

No. TD1124
SRP \$14.60 ea



General Purpose Protractor

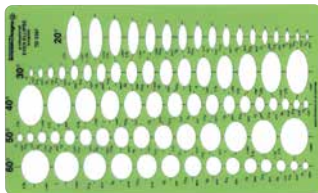
Contains circles, squares, triangles, hexagons, star, curve, arrowheads, and protractor. Size range from 1/8" to 1".
Size: 5 1/2" x 9 1/2" x .030".

No. TD1034
SRP \$7.50 ea

Human Figure

Same as No. TD1735A with 1:10 scale. Size: 6 7/8" x .030".

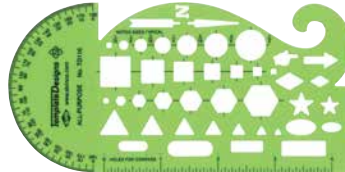
No. TD1735B
SRP \$15.20 ea



Even Ellipse Master

Contains 78 ellipses in five projections of 20, 30, 40, 50, and 60. Size range from 1/4" to 1 1/2".
Size: 6 1/2" x 11" x .030".

No. TD1267
SRP \$10.40 ea



All Purpose

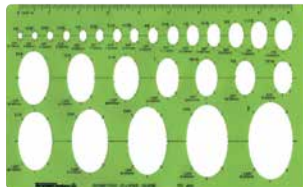
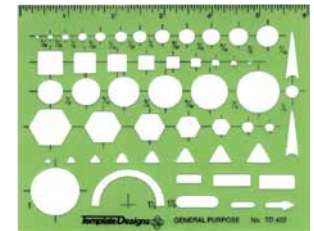
Contains circles, squares, hexagons, triangles, ellipses, stars, rectangles, arrows, diamonds, a 3" protractor, and French curve. Size range from 1/16" to 1/2".
Size: 3" x 6 1/8" x .030".

No. TD116
SRP \$9.80 ea

General Purpose

Contains circles, squares, hexagons, triangles, arrows, and rectangles.
Size: 4 7/8" x 6 1/8" x .030".

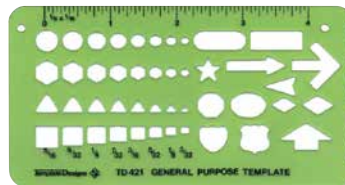
No. TD422
SRP \$6.30 ea



Isometric Ellipse Guide

Contains 27 ellipses from 1/8" to 2".
Size: 6 1/8" x 10" x .030".

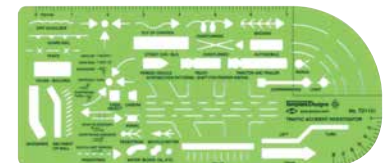
No. TD400
SRP \$9.00 ea



General Purpose

Contains circles, hexagons, triangles, squares, brackets, traffic, and mapping symbols.
Size: 2 3/4" x 5 1/4" x .030".

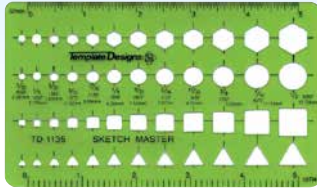
No. TD421
SRP \$5.15 ea



Traffic Accident Report

Contains graphic symbols for illustrating traffic accident scenes.
Size: 4 1/2" x 10 3/16" x .030".

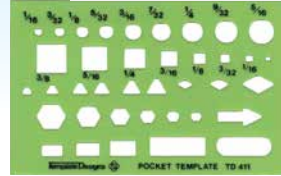
No. TD1131
SRP \$14.25 ea



Sketch Master

Contains hexagons, circles, squares, and triangles in 12 sizes.
 Size: 3½" x 5⅞" x .030".

No. TD1135
SRP \$9.25 ea



Pocket Guide

Contains circles, squares, triangles, and hexagons.
 Size: 2½" x 3⅞" x .030".

No. TD411
SRP \$6.10 ea



Lettering Aid

Clear matte impact modified acrylic. Contains slots for letter sizes 1/8", 5/32", 3/16", and 1/4".
 Size: 3⅞" x 6⅞" x .060".

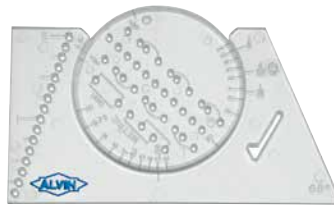
No. TD1119
SRP \$9.55 ea



Male Human Figure

Contains six sizes of standing male figures in silhouette. Four positions. Scales from 3/32" to 1/2" = 1".
 Size: 5⅝" x 8⅞" x .030".

No. TD22
SRP \$9.45 ea



Lettering Guide & Rule

A uniquely designed instrument combining a rotating disk with an indexed rim for adjusting letter height or establishing cross-hatch marks. English and metric line spacing.
 Size: 3⅞" l x 2⅞" h.

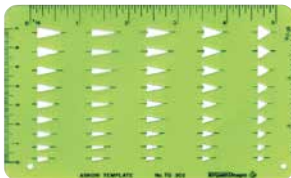
No. AL666
SRP \$3.25 ea



Lettering Stencil Set of 4

Sizes: 1/4" (5mm), 3/8" (10mm), 3/4" (20mm), and 1⅞" (30mm).

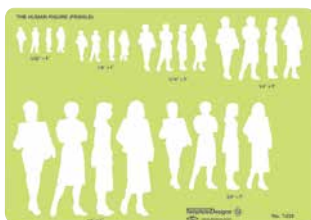
No. LS44
SRP \$8.25 st



Arrowheads

Contains nine sizes each of five different arrow shapes.
 Size: 3⅝" x 6" x .030".

No. TD302
SRP \$6.10 ea



Female Human Figure

Contains six sizes of standing female figures in silhouette. Four positions. Scales from 3/32" to 1/2" = 1".
 Size: 5⅝" x 8⅞" x .030".

No. TD33
SRP \$10.80 ea



Lettering Template

Contains upper and lower case letters. Character/size: 1/8", 3/16", 1/4".
 Size: 1⅞" x 9½" x .040".

No. TD112
SRP \$8.60 ea



Modern Bold Lettering Template

Contains upper and lower case letters. Character/size: 1/8", 3/16", 1/4".
 Size: 2" x 10" x .030".

No. TD260V
SRP \$8.25 ea



Ben B/3 Lead Holder Set

Lead holder with all metal barrel, aluminum anodized knurled finger grip, and lead pointer in pencil cap. Positive feed lead advances 1/8" when cap is depressed. Set also contains a vinyl eraser, lead pointer, and a tube of three 2mm replacement leads (2H). Blister-carded.

No. BVP3
SRP \$11.05 pk



Pro-Matic Metal Lead Holder

Precision 2mm lead holder with four-way vise grip jaw and spring-loaded lead release. The rugged metal barrel has a knurled finger grip and a rotating lead degree window. Supplied with one lead. Blister-carded.

No. MC5
SRP \$13.69 ea



Tech-Matic Deluxe Metal Lead Holder

Rugged metal barrel houses a spring-loaded lead feed that advances the lead 1/8" with each click of the cap. The barrel also features a knurled finger grip, rotating lead degree window, and a mini lead pointer inside the cap. For 2mm lead. Supplied with one lead. Blister-carded.

No. MF6
SRP \$13.69 ea



Tech-Matic Lead Holder

Features a rugged plastic barrel with knurled finger grip and pocket clip. Spring-loaded lead feed advances the lead 1/8" with each click of the cap. Uses 2mm lead. Supplied with one lead. Blister-carded.

No. T4
SRP \$10.75 ea

Scott B/2 Lead Holder Display

Size: 6¾" w x 9¾" h x 7" d
 Contents: 24 pieces of B/2

No. A131D
SRP \$162.96



Pro-Matic Metal Lead Holder Display

Size: 6¾" w x 9¾" h x 7" d
 Contents: 24 pieces of MC5

No. A132D
SRP \$328.56

Tech DA Lead Holder Display

Size: 6¾" w x 9¾" h x 7" d
 Contents: 24 pieces of DA

No. A133D
SRP \$237.36

Tech-Matic Deluxe Lead Holder Display

Size: 6¾" w x 9¾" h x 7" d
 Contents: 24 pieces of MF6

No. A134D
SRP \$328.56

Ben B/3 Lead Holder Display

Size: 6¾" w x 9¾" h x 7" d
 Contents: 24 pieces of B/3

No. A135D
SRP \$204.00

B/4 Lead Holder Display

Size: 6¾" w x 9¾" h x 7" d
 Contents: 24 pieces of B/4

No. A136D
SRP \$156.00

DB Lead Holder Display

Size: 6¾" w x 9¾" h x 7" d
 Contents: 24 pieces of DB

No. A137D
SRP \$240.00

Tech-Matic Lead Holder Display

Size: 8½" w x 13" h x 4½" d
 Contents: 24 pieces of T4

No. T424D
SRP \$258.00

Ben B/3 Value Pack Lead Holder Set Display

Size: 6¾" w x 9¾" h x 7" d
 Contents: 24 pieces of BVP3

No. A138D
SRP \$265.20



Scott B/2 Lead Holder

Transparent plastic barrel features a pocket clip and spring-loaded lead release. Four-way vise-grip jaw holds 2mm lead securely. Supplied with one lead. Blister-carded.

No. B/2
SRP \$6.79 ea



Ben B/3 Metal Lead Holder

Rugged metal barrel with knurled finger grip and pocket clip. Spring-loaded lead feed advances lead 1/8" with each click of the cap. Lead pointer in pencil cap. Takes 2mm lead. Supplied with one lead. Blister-carded.

No. B/3
SRP \$8.50 ea



B/4 Lead Holder

Transparent plastic barrel features a pocket clip and spring-loaded lead release. Three-way vise-grip jaw holds 2mm lead securely. Includes pocket clip and lead pointer in pencil cap. Supplied with one lead. Blister-carded.

No. B/4
SRP \$6.50 ea



Tech DA Lead Holder

Features a four-way vise-grip jaw that holds 2mm lead securely. Rugged plastic barrel with knurled finger grip and pocket clip houses a spring-loaded lead release. Supplied with one lead. Blister-carded.

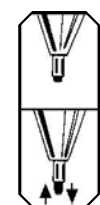
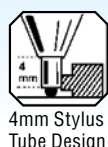
No. DA
SRP \$9.89 ea



DB Lead Holder

Rugged plastic barrel with a knurled, stainless steel finger grip for comfort and control. Three-way vise-grip jaw holds 2mm lead securely. Includes pocket clip and lead pointer in pencil cap. Supplied with one lead. Blister-carded.

No. DB
SRP \$10.00 ea



Reflex
Cushion
Point



Draft-Line Mechanical Pencils

Economical yet durable, these auto-feed pencils feature a cushion point for comfortable writing control and minimal lead breakage. Ideal for both drafting and general writing. The 4mm long stainless steel lead sleeve supports the lead and provides drawing accuracy even with thick straightedges. Built-in eraser under cap.

No.	Description	SRP
XA03	0.3mm, yellow barrel	\$7.69 ea
XA05	0.5mm, black barrel	7.69 ea
XA07	0.7mm, blue barrel	7.69 ea
XA09	0.9mm, maroon barrel	7.69 ea
EZR	Eraser refills, 3-pack	1.35 pk
XA357C	3 pencil set (0.3, 0.5, 0.7mm)	25.00 st
XA579C	3 pencil set (0.5, 0.7, 0.9mm)	25.00 st



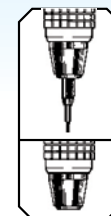
Reflex
Cushion
Point



Draft-Matic Mechanical Pencils

Designed for professionals, these auto-feed pencils feature knurled stainless steel finger grips, rotating lead degree windows, and cushion points for comfortable writing control and minimal lead breakage. The 4mm long stainless steel lead sleeve supports the lead and provides drawing accuracy even with thick straightedges. Built-in eraser under cap.

No.	Description	SRP
DM03	0.3mm, yellow barrel	\$14.50 ea
DM05	0.5mm, black barrel	14.50 ea
DM07	0.7mm, blue barrel	14.50 ea
DM09	0.9mm, maroon barrel	14.50 ea
EZR	Eraser refills, 3-pack	1.35 pk
DM257C	2 pencil set (0.5, 0.7mm)	31.00 st
DM357C	3 pencil set (0.3, 0.5, 0.7mm)	46.00 st
DM579C	3 pencil set (0.5, 0.7, 0.9mm)	46.00 st



Unique high-tech
cone section
retracts directly
into the barrel.



Draft-Tec Retrac Mechanical Pencils

High-quality mechanical pencils that feature a unique retractable point system. Other features include push button lead advance, plastic barrel with rubberized non-slip finger grip, and a 4mm long stainless steel lead sleeve that supports the lead and provides drawing accuracy even with thick straightedges. Built-in eraser under cap. Blue barrel.

No.	Description	SRP
DR03	0.3mm	\$9.75 ea
DR05	0.5mm	9.75 ea
DR07	0.7mm	9.75 ea
EZR	Eraser refills, 3-pack	1.35 pk
DR357C	3 pencil set (0.3, 0.5, 0.7mm)	31.00 st



Draft-Line Mechanical Pencil Display Assortment

Size: 5½" w x 8" h x 4¾" d
 Contents: 48 assorted XA-series pencils

No. XA300D
 SRP \$369.12



Draft-Matic Mechanical Pencil Display Assortment

Size: 5½" w x 8" h x 4¾" d
 Contents: 48 assorted DM-series pencils

No. DM65D
 SRP \$696.00



Draft-Tec Retrac Mechanical Pencil Display Assortment

Size: 5" w x 10" h x 5" d
 Contents: 48 assorted DR-series pencils

No. DTR48D
 SRP \$468.00

5019G



Constant 2mm Drawing Leads

Top-grade imported 2mm refill drawing leads, superior in both quality and strength. Uniform in texture and time-tested under rigid standards. Can be used with any standard lead holder.

No.	No.	No.
3-pack	12-pack	Gross-pack
5018/3-2B	5018-2B	5019G-HB
5018/3-HB	5018-HB	5019G-F
5018/3-F	5018-F	5019G-H
5018/3-H	5018-H	5019G-2H
5018/3-2H	5018-2H	5019G-4H
5018/3-3H	5018-3H	5019G-6H
5018/3-4H	5018-4H	
5018/3-6H	5018-6H	
SRP	SRP	SRP
\$4.15 tu	\$12.25 pk	\$65.50 gr



Grippy Mechanical Pencils

Ideal for beginning or professional draftsmen or engineers. Premium construction features rubber finger grips for comfort and control, an oversized eraser in the cap, and a spring-loaded mechanism that advances lead 1/8" with each click of the cap. Color-coded bands denote line width. Good for general writing.

No.	Description	SRP
AGP5	0.5mm, blue band	\$9.75 ea
AGP7	0.7mm, red band	9.75 ea
AGR	Eraser refills, 3-pack	1.95 pk



Grippy Mechanical Pencil Display Assortment

Size: 10"w x 10"h x 10"d
 Contents: 48 assorted AGP-series pencils

No. AGP48D
 SRP \$468.00



IB05-V

Iceberry Mechanical Pencils

An economical, yet reliable, mechanical pencil. Push button lead advance, rubberized non-slip finger grip, plastic pocket clip, and eraser.

No.	Description
IB05-V	0.5mm, violet
IB05-B	0.5mm, blue
SRP	\$1.50 ea



Iceberry Mechanical Pencil Display Assortment

Size: 5½"h x 4" diameter
 Contents: 42 assorted IB05-series pencils

No. IB48D
 SRP \$63.00



Paramount Circle Drawing Pencils

Casings of selected cedar with a comfortable semi-hexagonal shape. Available in selected degrees of hardness. Degree marked on two sides of pencil. Recommended for vocational institutions. Packaged 12/sleeve.

No.	No.	No.
5054-2B	5054-F	5054-3H
5054-B	5054-H	5054-4H
5054-HB	5054-2H	5054-6H
SRP	\$6.75 dz	



No. 2 Pencils by the Gross

A hex shaped all wood pencil that sharpens to a smooth conical point. Non-toxic yellow finish. Non smudge eraser secured by metal ferrule. Available in No. 2 (HB) degree only. Sold by the gross (144 pencils).

No. ALV2
 SRP \$33.00 gr



Aluminum Pencil Lengtheners

This handy tool provides balance and control when pencils get too short, saving money by extending the usable life of expensive pencils. Fits most round and hexagonal standard pencils. Made of anodized aluminum. Available in a blister-carded pack of three, assorted colors, no choice.

No. APL3
 SRP \$9.65 pk

Aluminum Pencil Lengtheners Display

Size: 2¾"w x 9½"h x 7½"d
 Contents: 12 pieces of APL3

No. APL3D
 SRP \$115.80



Universal Pencil Lengthener

When a favorite pencil gets too short, simply insert it into the pencil lengthener and continue writing or drawing. Nickel-plated ferrule has a sliding ring to hold the pencil securely. Comfortable, smooth wood barrel. Fits most standard wood pencils. Blister-carded.

No. UPL4
 SRP \$4.65 ea



Universal Pencil Lengthener Display

Size: 2"w x 9"h x 8"d
 Contents: 16 pieces of UPL4

No. UPL4D
 SRP \$92.40



Ergonomic Handheld Sharpener Display Assortment

Size: 4¼" w x 9⅞" h x 10⅞" d
 Contents: 10 pieces

No. 0969D
SRP \$79.50



Flip-Top Canister Sharpeners

Double-hole canister sharpener with cover over opening.

No.	Description	SRP
0902	Single, blister-carded	\$5.25 ea
0902BX	Box of 12, blister-carded	63.00 bx



Sharpener Display Assortment

Size: 20" w x 30" h x 6" d
 Contents: 18 Canister pencil sharpeners,
 18 2-hole canister pencil sharpeners,
 12 Brass bullet pencil sharpeners,
 32 Wedge, magnesium, 2-hole pencil sharpeners,
 12 Standard/Draftsman point pencil sharpeners,
 12 Ellipstick eraser/pencil sharpeners

No. BUCKET01D
SRP \$429.85

Sharpener Display Rack

Empty rack with six buckets.

No. ASD100
SRP \$117.30



Sharpener Center Display Assortments

Size: 12" w x 12" h x 12" d
 Contents: 176 assorted pencil sharpeners

No. APS10D
SRP \$411.32

Contents: 85 assorted pencil sharpeners

No. APS20D
SRP \$329.84



Wedge Sharpener Display Assortment

Size: 6⅝" w x 5/8" h x 5" d
 Contents: 30 double-hole plastic sharpeners with screwed on blade, assorted colors

No. 0311D
SRP \$40.50



Plastic Sharpener Display Assortment

Size: 6" h x 4" diameter
 Contents: 100 single-hole plastic sharpeners, assorted colors

No. 0306D
SRP \$50.00



DUX® Glass Inkwell Sharpener

An all-purpose woodcase pencil sharpener with glass shavings receptacle that has the look of years past. Portable, convenient. Assorted colors, no choice.

No. DX2580N
SRP \$11.50 ea



DUX® Glass Inkwell Sharpener Display Assortment

Size: 7¾" w x 2¼" h x 4½" d
 Contents: 10 pieces of DX2580N

No. DX2580D
SRP \$115.00



Metal Sharpener Display

Size: 7" h x 3¾" diameter
 Contents: 250 single-hole wedge-shape

No. 2050ND
SRP \$288.00



Beechwood Sharpener Display

Size: 7" h x 3¾" diameter
 Contents: 60 double-hole wooden sharpeners

No. 4110ND
SRP \$185.00



Magnesium Triple-Hole Sharpeners

Unique precision-engineered design provides a choice of exposed lead length for maximum drawing accuracy and control. Three hole openings: one for general purpose sharpening, one for shaving wood casing only (not lead), and one for sharpening lead only. Replaceable blades. Blister-carded.

No.	Description	SRP
9833	12/box, blister-carded	\$71.25 dz
9833B	Blades, 12-pack	4.85 pk



Brass Bullet Sharpeners

Solid brass bullet-shaped construction with a replaceable stainless steel cutting blade. Blister-carded.

No.	Description	SRP
9866	12/box, blister-carded	\$79.00 dz
9866B	Blades, 3-pack	3.65 pk



Brass Round Sharpeners

Double-duty sharpener with a replaceable blade. Accepts large diameter pencils up to 5/16". Blister-carded.

No.	Description	SRP
9867	12-pack, blister-carded	\$130.00 dz
9867B	Blades, 3-pack	3.50 pk



Brass Wedge Sharpeners

Wedge-shaped brass sharpener with a replaceable blade provides two cutter openings to accept 7/16" and 5/16" pencils. Blister-carded.

No.	Description	SRP
9868	12/box, blister-carded	\$110.00 dz
9868B	Blades, 3-pack	3.55 pk

Rotary Lead Pointer

This small 2½" high rotary lead pointer is made of durable, light-weight plastic with a removable top for easy cleaning of filings. Features two lead point options and hardened tempered steel cutting blades. Two replacement point cleaning pads included. Blister-carded.

No.	Description	SRP
ALP41	Lead pointer	\$10.75 ea
EP14	Point-cleaning pads, 12-pack	2.10 pk



Rotary Lead Pointer Display

Size: 9½"w x 2½"h x 4"d
Contents: 10 pieces of ALP41

No. ALP41D
SRP \$107.50

Rotary Lead Pointer

Hand-held professional pointer for 2mm drawing leads. Features four interchangeable collars to accommodate lead holders of various diameters, hardened steel cutting blades for precise points, and two-depth gauges for making blunt or sharp points. Constructed of high-impact plastic in assorted colors, no choice. Comes with built-in dust receptacle and three point cleaning pads. Blister-carded.

No. ALP44
SRP \$18.95 ea



Sandpaper Pointer

Repoints tortillions, blending stumps, pencils, leads, charcoal, and crayons by hand. Use to deburr mats after cutting. 12 sheets of sandpaper mounted on a wooden handle. 12-pack.

No. 3435
SRP \$12.00 dz



Twin Eraser/Sharpener

Single-hole integrated pencil sharpener on one end; integrated triangular shaped eraser with pointed corners for detailed erasing. Triangular barrel will not roll. Includes one eraser refill. Latex, PVC, and phthalate-free. Assorted barrel/cap colors, no choice. Blister-carded.

No. NE18BC
SRP \$2.50 ea



Twin Eraser/Sharpener Display Assortment

Size: 4¾"w x 2¼"h x 4¾"d
Contents: 18 pieces of NE18

No. NE18D
SRP \$45.00



Desktop Lead Pointer

Compact lead pointer makes smooth, precise points. Features four interchangeable collars to accommodate lead holders of various diameters, an extra-large dust receptacle, three point cleaning pads, and built-in storage for spare collars and pads. Two point gauges in the turret measure lead extension for blunt or sharp points. Clamp to fit tables up to 2" thick included.

No.	Description	SRP
EP17	Lead pointer	\$25.00 ea
EP14	Point-cleaning pads, 12-pack	2.10 pk



Art Gum Erasers

Dual purpose non-abrasive dry cleaner and general use eraser designed to crumble while removing unwanted marks, keeping the paper surface unscarred. Packed in POP display boxes. Also good for blending and removing charcoal marks.

No.	Description	SRP
1220AE*	1" x 1" x 3/4", 24/box	\$13.25 bx
1223AE*	2" x 1" x 3/4", 12/box	12.50 dz

*Shipping in colored boxes summer 2015.



Jumbo White Pencil Eraser Display

Size: 5"w x 4½"h x 4½"d
 Contents: 12 phthalate, PVC, and latex free erasers, vinyl with protective sleeve, 3" x 1½" x 5/8"

No. 1450AE
 SRP \$30.00



Rub-Lite White Rose Pencil Eraser Display

Size: 5"w x 4½"h x 4½"d
 Contents: 40 beveled, non-smudge, soft, pliable erasers, natural rubber, phthalate and PVC free, 2½" x 11/16" x 5/16"

No. 2303AE
 SRP \$32.00



Assorted styles found in Alvin® Eraser Display



2303AE



2521AE



1410AE



1450AE



1050AE



1070AE



1060AE



2100AE

Eraser Display Assortment

Size: 12"w x 18½"h x 7½"d
 Contents: 177 assorted erasers

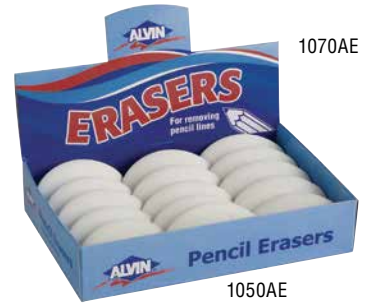
No. 1017D
 SRP \$206.00



White Vinyl Pencil Eraser Display

Size: 5"w x 4½"h x 4½"d
 Contents: 20 phthalate and latex-free erasers, PVC material is non-abrasive and self-cleaning, protective sleeve, 2¾" x 7/8" x 1/2"

No. 1410AE
 SRP \$16.50



1070AE



1050AE

Pencil Eraser Display Assortments

All erasers are made of flexible plastic that is phthalate, PVC, and latex-free.

Size: 5"w x 4½"h x 4½"d
 Contents: 15 white oval

No. 1050AE
 SRP \$22.50

Contents: 15 white triangular

No. 1060AE
 SRP \$25.50

Contents: 7 pink oval, 8 blue triangular

No. 1070AE
 SRP \$25.50



NE24-R2



NE24BC

Retractable Eraser

Spring-loaded feed advances eraser through ridged barrel. Includes barrel plus two erasers. Lead, PVC, and phthalate free. Assorted barrel colors, no choice. Blister-carded.

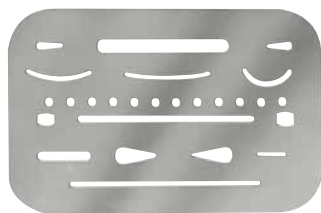
No.	Description	SRP
NE24BC	Retractable eraser with refill	\$2.69 ea
NE24-R2	Eraser refill, 2-pack	1.69 pk



Retractable Eraser Display Assortment

Size: 7" w x 5" h x 7" d
Contents: 24 pieces

No. NE24D
SRP \$56.00



Stainless Steel Erasing Shield

Made of high quality .005" flexible stainless steel with 26 precision tooled apertures. For precise and controlled erasing. Polished finish resists tarnishing.

No. 3298
SRP \$1.25 ea



Kneaded Erasers

Pliable and moldable kneaded erasers for erasing and shading pastels, pencil, and charcoal. Also cleans artwork and film. Each one measures 1 7/8" x 1 3/8" x 5/16". 18/box.

No. 1200AE
SRP \$27.25 bx



Premium Eraser with Cover

Oval shaped eraser with wedge tip that folds into protective case. Assorted color cases, no choice. Lead, PVC, and phthalate free.

No. NE05BC
SRP \$1.79 ea



Professional Drafting Dry Cleaning Pads

Pad gently removes mistakes, smudges, and smears from artwork, mat boards, or drawing boards. Will clean up drawing tools. Pad contains finely powdered gum eraser in a soft fabric cover. Never needs washing.

No.	Description	SRP
1238	1 1/2 oz. pad, 36/box	\$3.99 ea
1248	3 1/2 oz. pad, 12/box	5.99 ea



Dry Cleaning Pad Display Assortments

Size: 10 1/2" w x 3" h x 9 3/4" d
Contents: 36 pieces of 1238

No. 1238D
SRP \$143.64

Size: 9" w x 3 1/2" h x 8" d
Contents: 12 pieces of 1248

No. 1248D
SRP \$71.88



Mini Dusting Brush

Comfortable, curved, 10" finished hardwood handle brush that holds sterilized mixed horsehair in a single row of tufts to provide a stiff brushing action.

No. 2340
SRP \$5.95 ea



Traditional Dusting Brush

Constructed of soft, sterilized 100% horsehair, wax-set in a tough, durable, 14 1/2" finished hardwood handle. A traditional design preferred by professionals.

No. 2341
SRP \$7.60 ea



Comfort Curve Dusting Brush

Comfortable, curved, 15 1/2" finished hardwood handle brush that holds sterilized mixed horsehair in a single row of tufts to provide a stiff brushing action.

No. 2342
SRP \$7.29 ea



Penstix Technical Markers

A unique high performance marker that produces crisp, sharp lines for freehand drawing or for use with a straightedge. The dense India ink-quality black ink will not bleed through most papers and is perfect for technical drawing, sketching, fine art, lettering, and illustration. Favored by cartoonists worldwide. The durable plastic fiber nib will not clog. Features convenient pocket clip and ribbed cap that fits snugly on the barrel. Individually bar-coded.

No. Description

Individual, black markers

3013-EEF 0.3mm ex. ex. fine
3015-EF 0.5mm ex. fine
3017-F 0.7mm fine

SRP \$2.00 ea

3-piece set, black

3033 1 each size

SRP \$6.50 st



Penstix Technical Marker Display Assortment

Size: 6½" w x 13¾" h x 8¼" d

Contents: 72 assorted markers and 24 sets of 3033

No. 3015D
SRP \$300.00



Penstix Permanent Markers

Perfect to meet the need for a black fiber tip pen with permanent, waterproof, fast-drying, and fadeproof ink. Alcohol based, contains soluble dye stuffs but no solid pigments. Produce clean, sharp lines with no clogging or paper penetration and will not smear when dry. Plastic fiber nibs are encased in metal sleeves for durability and ease of use with straightedge drawing. Excellent for drawing, sketching, illustration, fine art, lettering, technical drawing, scrapbooks, cartooning, or any form of graphics. Features pocket clip and ribbed cap which fits snugly on barrel. Exceptionally long write-out of over 3,000 ft. with consistent density and without fading. Individually bar-coded.

No. Description

Individual, black markers

4013-EEF 0.3mm ex. ex. fine
4015-EF 0.5mm ex. fine
4017-F 0.7mm fine

SRP \$2.60 ea

3-piece set, black

4033 1 each size

SRP \$8.25 st



Penstix Permanent Marker Display Assortment

Size: 6½" w x 13¾" h x 8¼" d

Contents: 72 assorted markers and 24 sets of 4033

No. 4015D
SRP \$385.20



TechLiner Technical Drawing Markers

Contain extremely fine polyacetal plastic nibs set in 0.5mm stainless steel sleeve for smudge-free inking. Disposable technical pens are ideal for precision drafting, free-hand drawing, or any design work. Water-based pigment ink is non-bleeding, waterproof, and fadeproof. The acid-free, archival quality ink is also quick drying and lightfast. Sets are supplied in protective vinyl sheath.

No. Point Size Write-Out

Individual

TL01 0.1mm 4400 ft.
TL02 0.2mm 4300 ft.
TL03 0.3mm 3500 ft.
TL04 0.4mm 3400 ft.
TL05 0.5mm 2400 ft.

SRP \$2.69 ea

Sets

TLP3 3-piece set
 (0.1mm, 0.3mm, 0.5mm)

SRP \$8.15 st

TLP5 5-piece set (1 of each size)

SRP \$12.95 st



TechLiner Marker Display Assortment

Size: 6" w x 11" h x 7" d

Contents: Assorted markers and 12 sets each of TLP3 and TLP5

No. TLP5D
SRP \$414.60



Field Book

Field book covers are extra stiff, and a high visibility yellow color, completely protected by a waterproof barrier with blind embossing. Pages are white ledger paper specially formulated for maximum archival service, ease of erasure, and protected by a water-resistant surface sizing. $4\frac{5}{8}$ " x $7\frac{1}{4}$ " page size, 80 sheets (160 pages) plus 15 pages of curve tables and practical information. Left page has blue horizontal lines, red vertical lines, six columns. Right page has 4 x 4 blue lines, red vertical center line, sixteen columns.

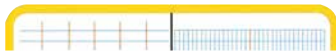
No. NP407
SRP \$20.25 ea



Level Book

Field book covers are extra stiff, and a high visibility yellow color, completely protected by a waterproof barrier with blind embossing. Pages are white ledger paper specially formulated for maximum archival service, ease of erasure, and protected by a water-resistant surface sizing. $4\frac{5}{8}$ " x $7\frac{1}{4}$ " page size, 80 sheets (160 pages) plus 15 pages of curve tables and practical information. Left page has blue horizontal lines, red vertical lines, six columns. Right page has blue horizontal lines, red vertical lines, six columns.

No. NP415
SRP \$20.25 ea



Field Book

Field book covers are extra stiff, and a high visibility yellow color, completely protected by a waterproof barrier with blind embossing. Pages are white ledger paper specially formulated for maximum archival service, ease of erasure, and protected by a water-resistant surface sizing. $4\frac{5}{8}$ " x $7\frac{1}{4}$ " page size, 80 sheets (160 pages) plus 15 pages of curve tables and practical information. Left page has blue horizontal lines, red vertical lines, six columns. Right page has 8 x 4 blue lines, red vertical center line, thirty-four columns.

No. NP416
SRP \$20.25 ea



Field Book

Field book covers are extra stiff, and a high visibility yellow color, completely protected by a waterproof barrier with blind embossing. Pages are white ledger paper specially formulated for maximum archival service, ease of erasure, and protected by a water-resistant surface sizing. $4\frac{3}{4}$ " x $7\frac{1}{4}$ " page size, 50 sheets (100 pages), wire bound, plus 15 pages of curve tables and practical information. Left page has blue horizontal lines, red vertical lines, six columns. Right page has 8 x 4 blue lines, red vertical center line, thirty-four columns.

No. NP425
SRP \$11.00 ea



Field Book

Field book covers are extra stiff, and a high visibility yellow color, completely protected by a waterproof barrier with blind embossing. Pages are white ledger paper specially formulated for maximum archival service, ease of erasure, and protected by a water-resistant surface sizing. $4\frac{5}{8}$ " x $7\frac{1}{4}$ " page size, 32 sheets, 64 pages, sewn/perfect bound. Left page has blue horizontal lines, red vertical lines, six columns. Right page has 8 x 4 blue lines, red vertical center line, thirty-four columns. Curve tables are located on the inside front and back covers.

No. NP430
SRP \$11.00 ea



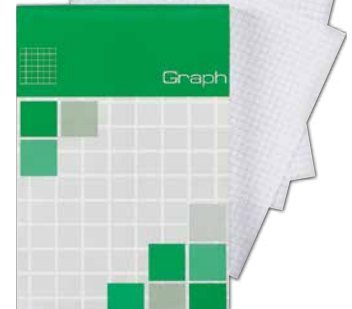
Field Book

Field book covers are extra stiff, and a high visibility yellow color, completely protected by a waterproof barrier with blind embossing. Pages are white ledger paper specially formulated for maximum archival service, ease of erasure, and protected by a water-resistant surface sizing. 6 " x 9 " page size, 80 sheets (160 pages) plus 15 pages of curve tables and practical information. Left page has blue horizontal lines, red vertical lines, eight columns. Right page has 8 x 4 blue lines, red vertical center line, forty-four columns.

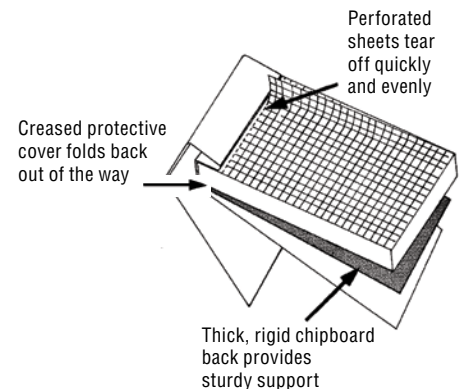
No. NP430X
SRP \$23.00 ea



ALL12



ALG12



Saray Graph and Lined Pads

Perfect for home, work, or on the go, these multi-purpose note pads are designed for convenience. The white, high-grade vellum sheets are approximately 20 lb. basis weight and perforated for easy removal. Rigid, heavy-duty chipboard backing provides considerable support when writing on the go. Creased covers are designed to neatly fold out of the way while in use. 80-sheet pads.

No.	Description	SRP
<i>Graph note pads, 5x5 squares per inch</i>		
ALG08	2.9" x 8.3"	\$1.95 pd
ALG11	2.9" x 4.1"	1.45 pd
ALG13	4.1" x 5.8"	1.95 pd
ALG14	4.3" x 6.7"	2.45 pd
ALG16	5.8" x 8.3"	4.25 pd
<i>Lined note pads, 5/16" rule</i>		
ALL08	2.9" x 8.3"	1.95 pd
ALL11	2.9" x 4.1"	1.45 pd
ALL12	3.3" x 4.7"	1.65 pd
ALL13	4.1" x 5.8"	1.95 pd
ALL14	4.3" x 6.7"	2.45 pd
ALL16	5.8" x 8.3"	4.25 pd

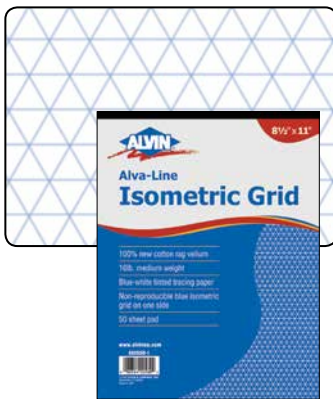


1432-1

Quadrille Papers

20 lb. basis, acid-free, versatile layout bond, printed with a non-reproducible blue grid on one side. Smooth opaque surface, suitable for pencil or ink with good erasing qualities. Laser, copier, and inkjet compatible. Commonly used by draftsmen, architects, and engineers for plotting graphs, drawing diagrams, statistical data, etc.

No.	Size	SRP
<i>4x4 grid, 50-sheet pads</i>		
1432-1	8½" x 11"	\$8.95 pd
1432-6	11" x 17"	14.75 pd
1432-11	17" x 22"	27.50 pd
<i>4x4 grid, 100-sheet packs</i>		
1430-1	8½" x 11"	15.00 pk
1430-6	11" x 17"	29.50 pk
1430-11	17" x 22"	47.95 pk
<i>8x8 grid, 100-sheet packs</i>		
1430-4	8½" x 11"	15.00 pk
1430-9	11" x 17"	29.50 pk
1430-14	17" x 22"	47.85 pk
<i>10x10 grid, 100-sheet packs</i>		
1430-5	8½" x 11"	15.00 pk
1430-10	11" x 17"	29.50 pk
1430-15	17" x 22"	47.50 pk

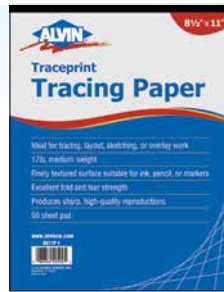


6855ISO-1

Alva-Line Non-Repro Isometric Grid Pads

Printed in a non-reproducible blue ink on Alva-Line blue-white quality tracing paper, the isometric grids are clear, sharp, and accurate, yet won't reproduce on Diazo prints. All grids are printed on the underside of sheets to prevent removal during erasure. These medium weight, 16 lb. basis, .00275 thickness, pads are ideal for use by engineers, draftsmen, architects, graphic artists, etc. 50-sheet pads.

No.	Size	SRP
6855ISO-1	8½" x 11"	\$26.25 pd
6855ISO-7	11" x 17"	48.95 pd

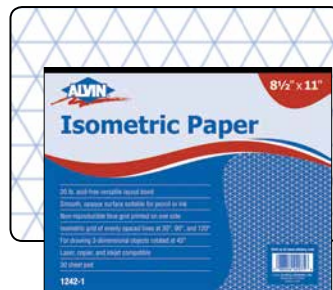


6811P-1

Traceprint Tracing Papers

Natural white, medium weight, 17 lb. tracing papers treated with permanent synthetic resins for high transparency. Paper will not yellow and the resins will not bleed to other papers. Slightly grained surface is suitable for ink, pencil, crayon, or watercolors, has excellent fold and tear strength, and produces sharp, high-quality white print Diazo reproductions and clear photocopies on all standard office reproduction machines. A moderately priced tracing and drawing medium. All packages include top cover, heavy backing, and are poly-sealed.

No.	Size	SRP
<i>50-sheet pads</i>		
6811P-1	8½" x 11"	\$13.15 pd
6811P-3	11" x 17"	24.20 pd
6811P-6	18" x 24"	46.30 pd
<i>100-sheet packs</i>		
6811-S-1	8½" x 11"	16.30 pk
6811-S-3	9" x 12"	17.65 pk
6811-S-5	11" x 17"	31.95 pk
6811-S-8	18" x 24"	63.90 pk
6811-S-10	24" x 36"	127.65 pk

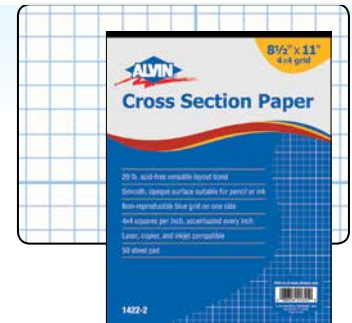


1242-1

Isometric Papers

20 lb. basis, acid-free, versatile layout bond, printed with a non-reproducible blue grid on one side. Smooth, opaque surface suitable for pencil, ink, or laser plotters. Ideal for mechanical drawing or design needs, especially machine design, architecture, and patent office drafting. Sharp, dense image stands out on bright white background. Isometric grid of evenly spaced lines at 30°, 90°, and 120°, for drawing 3-dimensional objects rotated at 45°. Laser, copier, and inkjet compatible.

No.	Size	SRP
<i>30-sheet pads</i>		
1242-1	8½" x 11"	\$7.50 pd
1242-2	11" x 17"	15.25 pd
<i>100-sheet packs</i>		
1242-5	8½" x 11"	17.50 pk
1242-6	11" x 17"	35.95 pk
<i>500-sheet packs</i>		
1242-3	8½" x 11"	68.50 pk
1242-4	11" x 17"	132.25 pk

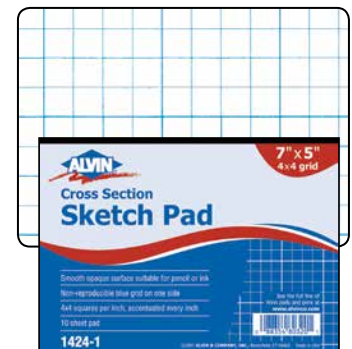


1422-2

Cross Section Papers

20 lb. basis, acid-free, versatile layout bond, printed with a non-reproducible blue grid on one side with inch squares accentuated. Smooth, opaque surface suitable for pencil or ink. Laser, copier, and inkjet compatible. Used by draftsmen, architects, and engineers for drawing diagrams, plotting mathematical functions, experimental data, etc.

No.	Size	SRP
<i>4x4 grid, 50-sheet pads</i>		
1422-2	8½" x 11"	\$8.95 pd
1422-7	11" x 17"	14.50 pd
1422-12	17" x 22"	27.50 pd
<i>4x4 grid, 100-sheet packs</i>		
1420-2	8½" x 11"	15.00 pk
1420-7	11" x 17"	29.50 pk
1420-12	17" x 22"	47.95 pk
<i>8x8 grid, 50-sheet pads</i>		
1422-4	8½" x 11"	8.95 pd
1422-9	11" x 17"	14.50 pd
1422-14	17" x 22"	27.50 pd
<i>8x8 grid, 100-sheet packs</i>		
1420-4	8½" x 11"	15.00 pk
1420-9	11" x 17"	29.50 pk
1420-14	17" x 22"	47.95 pk
<i>10x10 grid, 50-sheet pads</i>		
1422-5	8½" x 11"	8.95 pd
1422-10	11" x 17"	14.50 pd
1422-15	17" x 22"	27.50 pd



Cross Section Sketch Pad

10-sheet pad with 4x4 squares per inch, accentuated every inch. Smooth opaque surface suitable for pencil or ink. Non-reproducible blue grid on one side. 7" x 5" pad.

No. 1424-1
SRP \$2.75 pd

Alva-Line 100% Rag Vellum Tracing Papers

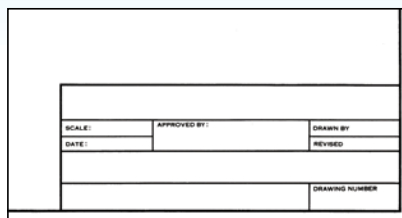
Medium weight 16 lb. basis vellum paper manufactured from 100% new cotton rag fibers with a non-fading blue-white tint. Available with pre-printed title block and border and with non-repro grids.

Alva-Line offers these advantages:

- Finely grained surface that is excellent for pencil and pen receptivity
- Leaves no ghosts, smudges, or smears when erasing
- High tensile strength prevents tears
- Resists aging and yellowing

No.	Size	SRP
<i>5-yard rolls</i>		
6855V-0	18"	\$13.80 rl
6855V-1	24"	14.90 rl
6855V-2	30"	17.30 rl
6855V-3	36"	19.45 rl
6855V-4	42"	21.65 rl
<i>10-yard rolls</i>		
6855T-00	12"	17.05 rl
6855T-0	18"	18.30 rl
6855T-1	24"	29.75 rl
6855T-2	30"	33.00 rl
6855T-3	36"	34.10 rl
<i>20-yard rolls</i>		
6855-C	24"	54.10 rl
6855-A	30"	57.05 rl
6855-B	36"	60.30 rl
<i>50-yard rolls</i>		
6855-E	36"	124.10 rl
<i>10-sheet packs</i>		
6855/S-X0-1	8½" x 11"	6.80 pk
6855/S-X0-5	11" x 17"	10.85 pk
6855/S-X0-7	17" x 22"	19.15 pk
6855/S-X0-8	18" x 24"	21.15 pk
6855/S-X0-9	22" x 34"	34.10 pk
6855/S-X0-10	24" x 36"	39.50 pk
<i>100-sheet packs</i>		
6855-S-1	8½" x 11"	20.80 pk
6855-S-3	9" x 12"	27.05 pk
6855-S-5	11" x 17"	41.65 pk
6855-S-6	12" x 18"	53.50 pk
6855-S-7	17" x 22"	79.25 pk
6855-S-8	18" x 24"	85.40 pk
6855-S-9	22" x 34"	161.70 pk
6855-S-10	24" x 36"	175.50 pk
<i>250-sheet packs</i>		
6855-HR-1	8½" x 11"	38.10 pk
6855-HR-3	9" x 12"	43.00 pk
6855-HR-5	11" x 17"	76.26 pk
6855-HR-6	12" x 18"	84.35 pk
6855-HR-7	17" x 22"	146.80 pk
6855-HR-8	18" x 24"	168.70 pk
6855-HR-10	24" x 36"	339.30 pk
<i>50-sheet pads</i>		
6855/P-1	8½" x 11"	17.75 pd
6855/P-2	9" x 12"	19.40 pd
6855/P-3	11" x 17"	32.45 pd
6855/P-5	12" x 18"	33.80 pd
6855/P-6	18" x 24"	65.70 pd

6855/P-1



6855-B

Alva-Line Tracing Papers with Title Block and Border

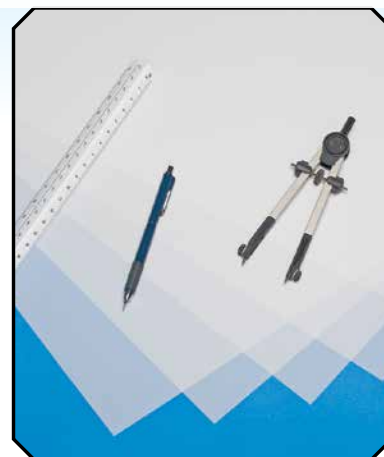
No.	Size	SRP
<i>10-sheet packs</i>		
6855/B-X0-1	8½" x 11"	\$8.15 pk
6855/B-X0-3	11" x 17"	9.15 pk
6855/B-X0-5	17" x 22"	20.30 pk
6855/B-X0-6	18" x 24"	22.90 pk
6855/B-X0-7	22" x 34"	41.05 pk
6855/B-X0-8	24" x 36"	45.70 pk
<i>100-sheet packs</i>		
6855-B-1	8½" x 11"	36.25 pk
6855-B-2	9" x 12"	41.05 pk
6855-B-3	11" x 17"	72.45 pk
6855-B-4	12" x 18"	75.15 pk
6855-B-5	17" x 22"	127.55 pk
6855-B-6	18" x 24"	148.25 pk
6855-B-7	22" x 34"	256.30 pk
6855-B-8	24" x 36"	281.20 pk



Alva-Line Tracing Paper Display Assortment

Size: 24" w x 45" h x 9" d
Contents: 66 assorted rolls and sheet packs

No. 6855D
SRP \$1,438.20



Alva-Flex Anti-Static Polyester Drafting Films

Superior long-lasting and chemically matted for pencil and ink drawing applications and will not tear, cut, stain, become brittle, or discolor with age. Excellent erasability for both ink and film lead and recommended where dimensional stability, strength, and high translucence are desired. 0.003" thick.

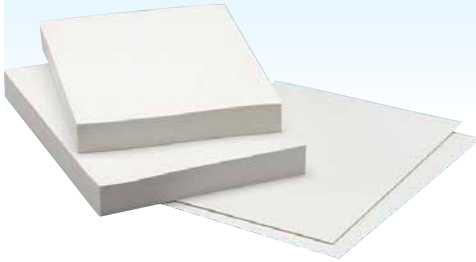
No.	Description	SRP
<i>Single matte finish, 50-sheet packs</i>		
SM3W-1	8½" x 11"	\$53.00 pk
SM3W-4	11" x 17"	99.25 pk
SM3W-7	18" x 24"	166.00 pk
SM3W-9	24" x 36"	302.50 pk
<i>Single matte finish, 20-yard rolls</i>		
SM3W-C	36" x 20 yds.	192.50 rl
SM3W-E	42" x 20 yds.	214.50 rl
<i>Double matte finish, 50-sheet packs</i>		
DM3W-1	8½" x 11"	53.50 pk
DM3W-4	11" x 17"	98.25 pk
DM3W-7	18" x 24"	171.00 pk
DM3W-9	24" x 36"	309.50 pk
<i>Double matte finish, 20-yard rolls</i>		
DM3W-C	36" x 20 yds.	211.25 rl
DM3W-E	42" x 20 yds.	233.95 rl



Weight Bag

Perfect for holding construction plans in place on job sites. Ideal for holding down papers, drawings, maps, patterns, and artwork. Genuine cowhide cover with stitched seams for added durability. 1¼ lb. weight with ultra-fine sand filling.

No. PW3
SRP \$22.50 ea



Budget Translucent Bond Tracing Papers

Medium weight, 18 lb. basis, pure white tracing papers. An inexpensive tough sulphite bond that is a good substitute for professional quality vellums. Fine working surface for sharp pencil or ink lines and very good erasability characteristics. Produces high quality white print Diazo reproductions. Ideal for technical education use. 500-sheet packs.

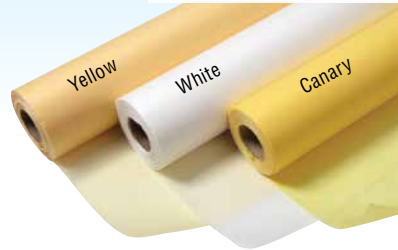
No.	Description	SRP
5130-1	8½" x 11"	\$33.75 pk
5130-2	9" x 12"	40.70 pk
5130-3	11" x 17"	67.75 pk
5130-4	12" x 18"	76.75 pk
5130-5	17" x 22"	143.95 pk
5130-6	18" x 24"	167.85 pk
5130-8	24" x 36"	332.20 pk



Premium Heavyweight Mechanical Drawing Papers

Tough 80 lb. sulphite drawing papers with a fine tooth finish and exceptionally good erasing qualities. Highly recommended for drafting and drawing classes. Paper contains 45% recycled fiber content.

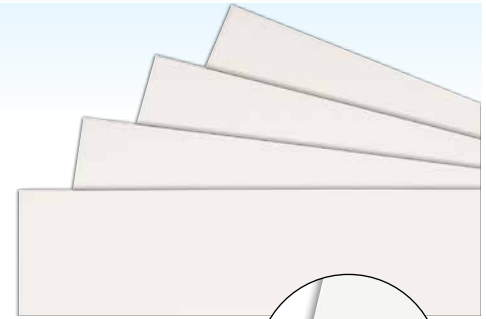
No.	Description	SRP
<i>Pine-tex (pale green)</i>		
9430-1	9" x 12", 500 sheets	\$69.50 rm
9430-3	12" x 18", 500 sheets	138.00 rm
9430-6	18" x 24", 250 sheets	143.00 pk
<i>Buff-tex (cream)</i>		
9040-1	9" x 12", 500 sheets	69.50 rm
9040-3	12" x 18", 500 sheets	138.00 rm
9040-6	18" x 24", 250 sheets	143.00 pk
<i>University (white)</i>		
8050-1	9" x 12", 500 sheets	69.50 rm
8050-3	12" x 18", 500 sheets	138.00 rm
8050-6	18" x 24", 250 sheets	143.00 pk



Lightweight Tracing Paper Rolls

Exceptional qualities for detail or rough sketch work. Accepts pencil, ink, charcoal, as well as felt tip markers without bleed through. High transparency permits several overlays while retaining legibility. 1" core.

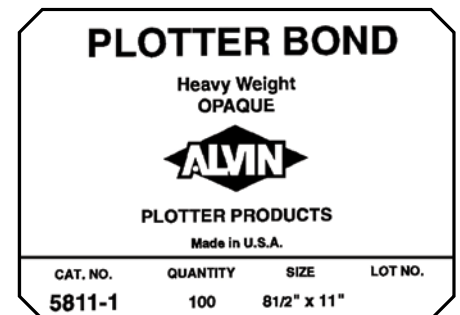
No.	Description	SRP
<i>7 lb. canary, 50-yard rolls</i>		
55C-G	12"	\$13.75 rl
<i>7 lb. yellow, 20-yard rolls</i>		
55Y-A	12"	7.75 rl
55Y-B	14"	9.00 rl
55Y-C	18"	9.95 rl
55Y-D	24"	12.50 rl
55Y-E	30"	16.25 rl
55Y-F	36"	17.50 rl
<i>7 lb. yellow, 50-yard rolls</i>		
55Y-M	6"	11.00 rl
55Y-G	12"	13.75 rl
55Y-H	14"	15.95 rl
55Y-I	18"	19.95 rl
55Y-J	24"	24.95 rl
55Y-K	30"	30.75 rl
55Y-L	36"	36.25 rl
<i>8 lb. white, 20-yard rolls</i>		
55W-A	12"	7.75 rl
55W-B	14"	9.00 rl
55W-C	18"	9.95 rl
55W-D	24"	12.50 rl
55W-E	30"	16.25 rl
55W-F	36"	17.50 rl
<i>8 lb. white, 50-yard rolls</i>		
55W-M	6"	11.00 rl
55W-G	12"	13.75 rl
55W-H	14"	15.95 rl
55W-I	18"	19.95 rl
55W-J	24"	24.95 rl
55W-K	30"	30.75 rl
55W-L	36"	36.25 rl



School-Art Illustration Boards

Economically-priced, scholastic-quality illustration boards that are practical for school purposes and ideal as an inexpensive practice board. Hot press boards are good for pen and ink, paste-ups, and silkscreen. Cold press boards are ideal for illustration in both wet and dry media.

No.	Description	SRP
<i>Hot press</i>		
2350-50	15" x 20", 50/box	\$147.00 bx
2350-25	20" x 30", 25/box	138.00 bx
<i>Cold press</i>		
2317-50	15" x 20", 50/box	147.00 bx
2317-25	20" x 30", 25/box	138.00 bx



Heavyweight Opaque Plotter Bond Sheets

For checkplots. 92% bright, snow white finish provides excellent contrast. Great for pen/inkjet use. Extremely durable, yet economical. Use when Diazo production is not intended. Recommended pen type is felt-tip or ballpoint.

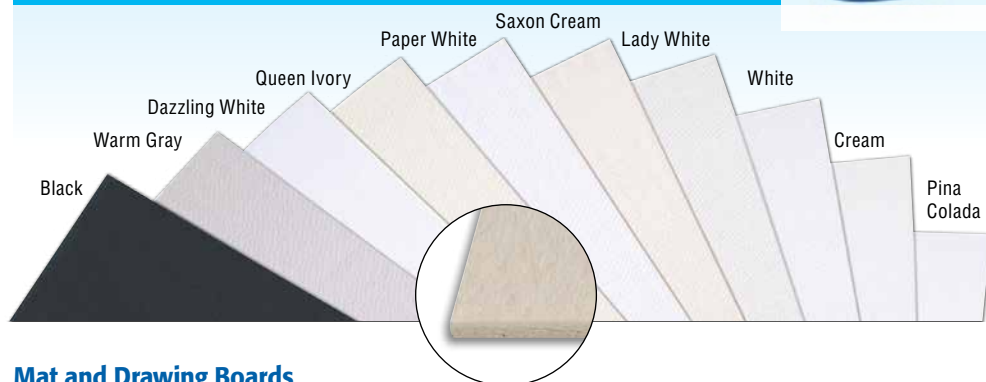
No.	Description	SRP
<i>50-sheet packs</i>		
5811-9	22" x 34"	\$35.75 pk
5811-10	24" x 36"	41.50 pk
<i>100-sheet packs</i>		
5811-5	11" x 17"	16.50 pk
5811-7	17" x 22"	31.50 pk
5811-8	18" x 24"	33.95 pk
<i>Half ream, 250-sheet packs</i>		
5811-HR-5	11" x 17"	39.50 pk
5811-HR-7	17" x 22"	78.50 pk
5811-HR-8	18" x 24"	83.25 pk

Lightweight Tracing Paper Roll Display Assortment

Size: 23" w x 25" h x 13¼" d
 Contents: 50 yard rolls, (12) 12" white and (7) each of 14", 18", 24", white, (10) 12" yellow and (5) each of 14", 18", 24" yellow

No. 55-DISP
 SRP \$1,032.70





Mat and Drawing Boards

These quality, versatile boards are terrific for drawings and renderings, mounting photos, artwork, and presentations. Rigid, neutral pH boards cut cleanly and are durable enough to be used for projects, 3-D models, displays, and signs.

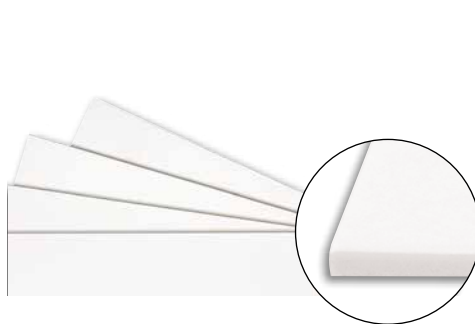
No.	Description	SRP
<i>Smooth surface</i>		
MAT9-25	White, 20" x 30", 25/box	\$133.00 bx
MAT10-25	Cream, 20" x 30", 25/box	133.00 bx
MAT116-1620-25	Lady white, 16" x 20", 25/box	85.00 bx
MAT121-25	Paper white, 20" x 30", 25/box	133.00 bx
MAT117-25	Black one side, White on the other, 20" x 30", 25/box	134.00 bx
MAT117-50	Black one side, White on the other, 15" x 20", 50/box	153.00 bx
MAT117-3040	Black one side White on the other 30" x 40", 25/box	223.00 bx
<i>Textured surface</i>		
MAT176-25	Warm gray, 20" x 30", 25/box	133.00 bx



Black on Black Presentation and Photography Presentation Boards

Matte black paper printed on both sides with a solid black news board center. Available in traditional art and photo sizes. Perfect for matting, mounting, photography presentation, and general artwork.

No.	Description	SRP
<i>Bulk sheets</i>		
PB810-25	8" x 10", 25/box	\$37.00 bx
PB1114-25	11" x 14", 25/box	72.00 bx
1520-50	15" x 20", 50/box	163.00 bx
PB1620-25	16" x 20", 25/box	91.00 bx
2030-25	20" x 30", 25/box	154.00 bx
PB3040-25	30" x 40", 25/box	306.00 bx
<i>10-sheet retail packs</i>		
PB810-10	8" x 10"	15.00 pk
PB1114-10	11" x 14"	30.00 pk
PB1520-10	15" x 20"	39.00 pk
PB1620-10	16" x 20"	39.00 pk



White On White Presentation and Photography Presentation Boards

White, two-sided 40 pt. mat board with a solid white core. Ultimate clean and neutral pH boards are available in traditional art paper and photo sizes. Ideal for mounting or matting photographs and presentations of all kinds.

No.	Description	SRP
PW810-25	8" x 10", 25/box	\$37.00 bx
PW1114-25	11" x 14", 25/box	72.00 bx
PW1520-50	15" x 20", 50/box	163.00 bx
PW1620-25	16" x 20", 25/box	92.00 bx
PW2030-25	20" x 30", 25/box	154.00 bx
PW3040-25	30" x 40", 25/box	301.00 bx

Black & White Mat Boards

One side black, one side white mat board with a cream colored core. Traditional board for mounting or matting photographs in standard photography sizes. 25/box.

No.	Description	SRP
BW810-25	8" x 10"	\$33.00 bx
BW1114-25	11" x 14"	65.00 bx
BW1620-25	16" x 20"	82.00 bx



Architectural Chipboard

This sturdy, smooth finish chipboard is an ideal base for mounting architectural models. Also good for backing for art projects, or hand crafts like book making. Due to the nature of the material, there may be a variance in color. Available in single-weight, double-weight, and triple-weight to allow for various elevations. 30" x 40".

No.	Description	SRP
ANB30-50	.030", 50/box	\$162.00 bx
ANB60-25	.060", 25/box	165.00 bx
ANB130-12	.130", 12/box	165.00 bx



Architectural Butter Board

A versatile, neutral pH board perfect for architectural models. Rigid enough to cut cleanly and provide support, but pliable enough to serve a number of modeling functions. Also known as pulp board. Each sheet measures 32" x 40" and .040" thick. Cream color. 40/box.

No. PU3240-40
SRP \$229.00 bx



Backing Mount Chipboard

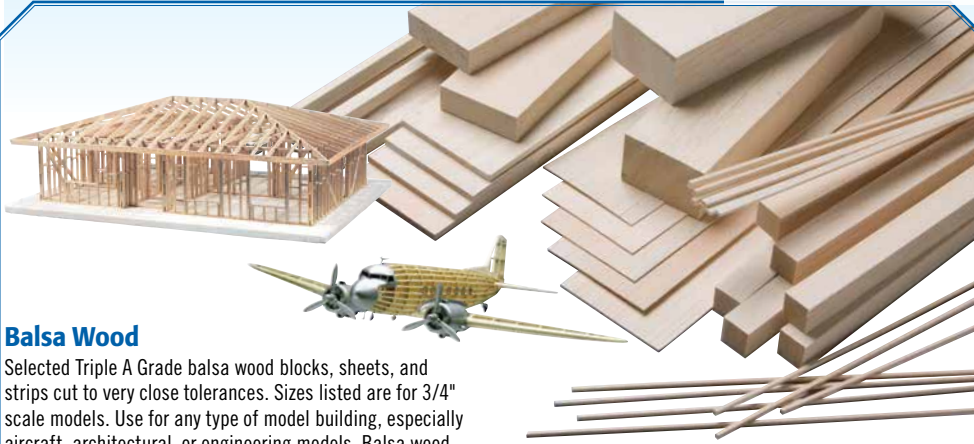
An ideal surface for creating a base for mounting architectural models, book making, mounting artist paintings, and other hobbies. This sturdy chipboard features a smooth brown finish. 32" x 40".

No.	Description
BM3240-4	.040", 40/box
BM3240-8	.080", 20/box
SRP \$231.00 bx	

Draft-Art Illustration Boards

High-quality, professional boards with super white surfaces. Cold press features a medium tooth surface that's ideal for both wet and dry media, including watercolor, pencil, and charcoal. Comparable to Bainbridge #80. Hot press features a super smooth surface perfect for detailed pen and ink or silkscreen work. Comparable to Bainbridge #172. Surfaces on all boards are securely mounted to warp-resistant chipboard with smooth, gray reverse sides.

No.	Description	SRP
<i>Cold press</i>		
2500-50	15" x 20", 50/box	\$163.00 bx
2500-25	20" x 30", 25/box	158.00 bx
88CP3040	30" x 40", 25/box	304.00 bx
<i>Hot press</i>		
2250-50	15" x 20", 50/box	163.00 bx
2250-25	20" x 30", 25/box	158.00 bx
88HP3040	30" x 40", 25/box	304.00 bx



Balsa Wood

Selected Triple A Grade balsa wood blocks, sheets, and strips cut to very close tolerances. Sizes listed are for 3/4" scale models. Use for any type of model building, especially aircraft, architectural, or engineering models. Balsa wood is light and soft but very strong. Can be easily cut and shaped with hand tools, sanding blocks, and X-Acto-style blades. Lightly sanding the wood produces a smooth, velvety feel. Finishes easily with standard water-based paints or varnishes. Excellent for home, classroom, or office use. Individually bar-coded.

No.	Description	Pieces Per Bundle	SRP
<i>Balsa blocks, 12" long</i>			
BS1734	1-1/2" x 3"	1	\$6.75 ea
BS1736	3" x 3"	1	12.50 ea
BS1746	3" x 4"	1	17.80 ea
<i>2" wide balsa sheets, 36" long</i>			
BS1120	1/32"	20	33.95 pk
BS1121	1/16"	20	34.75 pk
BS1122	3/32"	20	42.50 pk
BS1123	1/8"	20	45.80 pk
BS1125	1/4"	10	31.80 pk
<i>3" wide balsa sheets, 36" long</i>			
BS1130	1/32"	20	38.85 pk
BS36430	3/64"	10	22.40 pk
BS1131	1/16"	20	40.00 pk
BS1132	3/32"	10	23.50 pk
BS1133	1/8"	10	29.90 pk
BS1134	3/16"	10	34.10 pk
BS1135	1/4"	5	21.35 pk
<i>4" wide balsa sheets, 36" long</i>			
BS1141	1/32"	20	60.80 pk
BS1142	1/16"	20	62.00 pk
BS1143	3/32"	10	38.00 pk
BS1144	1/8"	10	42.50 pk
BS1145	3/16"	5	24.90 pk
BS1146	1/4"	5	35.50 pk

True Construction Scale Balsa Strips

Equivalent lumber dimensions at 3/4" scale are shown in parentheses.

No.	Description	Pieces Per Bundle	SRP
<i>Balsa strips, 1/16", 36" long</i>			
BS11638	3/8", (1" x 6")	50	\$29.50 pk
BS11612	1/2", (1" x 8")	50	38.00 pk
<i>Balsa strips, 1/8", 36" long</i>			
BS1814	1/4", (2" x 4")	50	31.50 pk
BS1838	3/8", (2" x 6")	50	35.00 pk
BS1812	1/2", (2" x 8")	50	45.00 pk
BS1858	5/8", (2" x 10")	50	55.50 pk
BS1834	3/4", (2" x 12")	50	60.55 pk

No.	Description	Pieces Per Bundle	SRP
<i>1/16" balsa strips, 36" long</i>			
BS1011	1/16"	40	\$15.75 pk
BS1012	1/8"	40	19.45 pk
BS1013	3/16"	40	17.85 pk
BS1014	1/4"	40	19.60 pk
BS1015	3/8"	40	23.45 pk
BS1016	1/2"	40	30.20 pk
BS1018	1"	25	30.50 pk
<i>3/32" balsa strips, 36" long</i>			
BS1022	3/32"	40	18.95 pk
BS1024	3/16"	40	20.35 pk
BS1025	1/4"	40	23.45 pk
<i>1/8" balsa strips, 36" long</i>			
BS1043	1/8"	40	18.10 pk
BS1044	3/16"	40	20.25 pk
BS1045	1/4"	40	26.00 pk
BS1046	3/8"	40	28.00 pk
BS1047	1/2"	25	23.75 pk
BS1048	3/4"	25	32.50 pk
BS1049	1"	20	28.00 pk
<i>3/16" balsa strips, 36" long</i>			
BS1054	3/16"	40	29.00 pk
BS1056	3/8"	25	22.00 pk
BS1057	1/2"	20	22.50 pk
BS1058	3/4"	20	25.70 pk
BS1059	1"	10	16.85 pk
<i>1/4" balsa strips, 36" long</i>			
BS1075	1/4"	40	37.00 pk
BS1076	3/8"	20	25.70 pk
BS1077	1/2"	20	25.95 pk
BS1078	3/4"	10	18.75 pk
BS1079	1"	10	24.00 pk
<i>3/8" balsa strips, 36" long</i>			
BS1086	3/8"	20	31.45 pk
<i>1/2" balsa strips, 36" long</i>			
BS1093	1/2"	10	21.25 pk
BS1094	3/4"	10	28.00 pk
<i>3/4" balsa strips, 36" long</i>			
BS1099	1"	5	22.05 pk
<i>5/16" balsa strips, 36" long</i>			
BS1080	5/16"	25	31.00 pk
<i>Balsa strips, 24" long</i>			
BS33224	3/32" x 3/32"	100	30.70 pk
BS1824	1/8" x 1/8"	100	35.00 pk
BS1424	1/4" x 1/4"	100	63.50 pk

All woods are individually bar-coded pieces.



Basswood

Selected basswood strips cut to very close tolerances. Sizes listed are for 3/4" scale models. Very soft wood with wonderful carving characteristics. Basswood allows for intricate designs because it's strong enough to hold its shape. Use for architectural or engineering models. Easy to cut and shape with both hand or machine tools. Glues well. Finishes easily with latex paints or polyurethane. Excellent for home, classroom, or office use.

No.	Description	Pieces Per Bundle	SRP
<i>Basswood strips, 24" long</i>			
WS132116	1/32" x 1/16"	50	\$14.50 pk
WS1600	1/16" x 1/16"	50	13.25 pk
WS11618	1/16" x 1/8"	50	16.75 pk
WS11614	1/16" x 1/4"	50	25.50 pk
WS11638	1/16" x 3/8"	50	34.25 pk
WS11612	1/16" x 1/2"	50	43.00 pk
WS33200	3/32" x 3/32"	50	16.75 pk
WS1800	1/8" x 1/8"	50	16.75 pk
WS1814	1/8" x 1/4"	50	27.95 pk
WS1838	1/8" x 3/8"	50	43.00 pk
WS1812	1/8" x 1/2"	50	55.05 pk
WS1858	1/8" x 5/8"	50	69.50 pk
WS1834	1/8" x 3/4"	50	66.25 pk
WS1400	1/4" x 1/4"	50	43.00 pk
WS1200	1/2" x 1/2"	5	9.75 pk
<i>3" basswood sheets, 24" long</i>			
WS36430	3/64"	10	21.80 pk
<i>4" basswood sheets, 24" long</i>			
WS3014	1/32"	5	13.00 pk
WS3164	1/16"	5	14.00 pk
WS3214	3/32"	5	14.95 pk
WS3264	1/8"	5	16.95 pk
<i>6" basswood sheets, 24" long</i>			
WS3015	1/32"	5	32.00 pk
WS3165	1/16"	5	36.00 pk
WS3216	3/32"	5	36.95 pk
WS3266	1/8"	5	37.95 pk



Mighty Cutter

Easily cuts balsa and basswood strips up to 1/2" thick. Cuts angles precisely from 45° to 120° with mitered 45° bevels. Cast aluminum angle plate with English and metric markings. Features built-in safety lock and no-slip rubber grips for a comfortable, textured hold. Lead and phthalate free. Carbon steel cutting blade.

No.	Description	SRP
AC1126	Mighty cutter	\$31.89 ea
AC1126-R	Replacement blade	10.99 ea



General Purpose Masking Tapes

The most commonly used tapes in the studio, drafting room, home, or office, providing a firm hold on virtually any surface, yet releases cleanly. 60-yard rolls with 3" cores. Individually shrink-wrapped.

No.	Description	SRP
2200	1/2"	\$3.95 ea
2200-A	3/4"	4.95 ea
2200-B	1"	6.10 ea
2200-C	2"	x.xx ea



Artist's Tapes

Easy-to-use, white, pressure-sensitive paper tape is ideal for masking errors and making corrections in either ink or pencil and on just about any surface including artwork, photographic negatives, drafting papers, and design boards. Removes cleanly from most surfaces. Leaves no shadow when photocopied. Bright white and pH neutral. Acid-free. Supplied individually shrink-wrapped.

No.	Description	SRP
10 yards, 1 1/2" core		
2500	3/4"	\$3.90 ea
60 yards, 3" core		
2500-A	1/2"	11.75 ea
2500-B	3/4"	15.50 ea
2500-C	1"	19.15 ea
2500-D	1 1/4"	7.95 ea



Drafting Tapes

Smooth, low tack surface that allows T-squares and triangles to glide over drawings without hanging up. When removed, it leaves no stain, no sticky particles, no abraded surface. 60-yard rolls are individually shrink-wrapped.

No.	Description	SRP
10 yards, 1 1/2" core, boxed		
2300	3/4"	\$4.95 ea
60 yards, 3" core		
2300-A	1/2"	6.85 ea
2300-B	3/4"	8.95 ea
2300-C	1"	11.95 ea



Actual Size



Drafting Dots

Contains 500 drafting dots, each 7/8" in diameter. Supplied in a convenient pull-tab dispenser.

No. DM123
SRP \$10.95 ea



Drafting Dots Display

Size: 10"w x 9"h x 6 3/4"d
Contents: 12 pieces of DM123

No. DM123D
SRP \$131.40



Actual Size



Drafting Strips

Contains 550 drafting strips, each 3/8" x 1 1/2". Supplied in a convenient pull-tab dispenser that dispenses two strips simultaneously.

No. DS125
SRP \$11.95 ea



Drafting Strips Display

Size: 10"w x 9"h x 6 3/4"d
Contents: 12 pieces of DS125

No. DS125D
SRP \$143.40



Double-Sided Tapes

Two adhesive surfaces that hold firmly to any smooth surface and release at a touch. Can be used instead of liquid glue for temporary mounting. Ideal for mounting repro films where lack of space precludes use of normal adhesive tapes. 1" width is recommended for attaching VYCO board covers. 36-yard rolls are individually shrink-wrapped.

No.	Description	SRP
36 yards, 3" core		
2400	1/2"	\$10.35 ea
2400-A	3/4"	13.60 ea
2400-B	1"	17.75 ea
25 feet, 1 1/2" core, boxed		
2400-C	1"	7.10 ea



Double-Sided Tape Display

Size: 10" w x 9 1/2" h x 7 1/4" d
 Contents: 24 pieces of 2400-C (1")

No. 2400CD
 SRP \$170.40



Heavy-Duty Combo Tape Dispenser

A heavy-duty weighted tape dispenser of contemporary design. Made of high impact-resistant plastic. For use with tape up to 3/4" wide, both in 1" and 3" core size. Light gray.

No. 25
 SRP \$16.50 ea



Rubber Cement Pik-Up

For easy removal of excess rubber cement from small areas. 2" x 2" x 3/8" size. Poly-bagged with header.

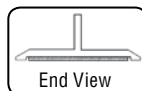
No. 1330AE
 SRP \$4.25 ea



Scraper

Ideal for scraping paint, putty, caulking, or paper. Rugged metal body. Fully retractable blade. Includes five replacement blades. Available in assorted colors, no choice. Blister-carded.

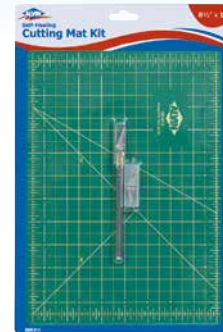
No. 0445
 SRP \$4.65 ea



Safe-T-Cut Graduated Cutting Straightedges

Designed with a unique vertical protective guard that ensures safe, accurate cutting. These hardened aluminum straightedges are ideal for studio, shop, or classroom use. Precision ruling edge is graduated in inches (divided 1/16") and centimeters (divided 1mm) for easier than ever trimming jobs. Extra wide 3 1/2" base has non-skid rubber backing to prevent slipping and accidental cuts. Convenient hanging ring keeps the Safe-T-Cut within easy reach.

No.	Description	SRP
SE12	12"	\$43.75 ea
SE18	18"	53.00 ea
SE24	24"	64.90 ea
SE36	36"	94.75 ea
SE42	42"	105.00 ea
SE48	48"	123.65 ea
SE60	60"	175.15 ea
SE72	72"	190.50 ea



GMK812



GM0668



GMK818

Self-Healing Cutting Mat Kits

Kits feature Alvin professional quality GBM series self-healing cutting mats which are green on one side and black on the other. Printed grid pattern includes guide lines for 45° and 60° angles, 1/2" grid lines, and all four edges fully numbered and graduated with 1/8" hash marks that extend beyond the zero base line.

No.	Description	SRP
GM0668	6" x 8 1/2" kit with art knife and spare blades	\$12.25 st
GMK812	8 1/2" x 12" kit with art knife and spare blades	19.95 st
GMK818	12" x 18" kit with art knife, blades, 7 scissors, circle cutter and rotary cutter	42.95 st

Professional Self-Healing Cutting Mats

Professional quality for all kinds of graphic arts, hobby, craft, shop, and industrial applications, these self-healing and reversible cutting mats are 3mm thick and extra durable. Made from unique composite vinyl material designed for both rotary blades and straight utility blades, they provide a long-lasting, non-glare, surface that can be cut and slashed constantly without showing marks or cutting lines. Can also be used as a desk blotter or general-purpose work mat. Printed grid pattern includes guide lines for 45° and 60° angles and 1/2" grid lines. Find the perfect center on any project with zero centering lines. All four edges are fully numbered and graduated with 1/8" hash marks that extend beyond the zero base line for convenience. Mat sizes 24" x 36" and above include internal horizontal and vertical graduated hash marks. Non-stick surface is impervious to abrasions and liquid spills.

GBM Series

Green on one side, black on the other, and both sides gridded.

No.	Description	SRP
BHS35PMAT	3½" x 5½", pink both sides	\$4.30 ea
GBM0305**	3½" x 5½"	4.50 ea
GBM0812	8½" x 12"	8.95 ea
GBM1218	12" x 18"	17.60 ea
GBM1824	18" x 24"	32.50 ea
GBM1836	18" x 36"	45.95 ea
GBM2436	24" x 36"	61.85 ea
GBM3042	30" x 42"	129.75 ea
GBM3648	36" x 48"	151.50 ea
GBM4060**	40" x 60"	310.00 ea
*GBM4080**	40" x 80"	375.00 ea
*GBM4896**	48" x 96"	510.00 ea

TM Series

Translucent with printed grid on one side only. Perfect for use with lightboxes or other see-through applications.

No.	Description	SRP
TM2205**	3½" x 5½"	\$7.35 ea
TM2212	8½" x 12"	12.25 ea
TM2218	12" x 18"	23.65 ea
TM2224	18" x 24"	45.95 ea
TM2236	24" x 36"	91.50 ea
TM2242	30" x 42"	146.50 ea
TM2248	36" x 48"	170.95 ea

*These sizes ship rolled

**These sizes do not include zero centering lines



Three-ply construction

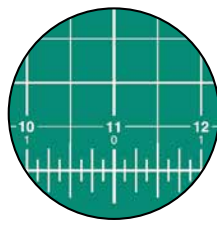
1. Top layer of semi-soft vinyl.
2. Middle layer of hard vinyl that provides self-sealing qualities.
3. Bottom layer of semi-soft vinyl.

For custom colors, sizes, imprints – please call for more information.



GBM4896

TM2224 in use



Zero centering line



Custom imprinted cutting mats are available. Please inquire.



Professional Self-Healing Cutting Mats For 3-Ring Binders

Same professional quality and 3mm thickness as other Alvin mats but these include holes for fitting conveniently into 3-ring binders. 8½" x 11". Green/black.

No. GBM0811H
SRP \$8.95 ea



Professional Cutting Mat Display Assortment

Size: 19"w x 27"h x 20"d

Contents: 33 assorted mats up to 18" x 24"

No. CM050D

SRP \$537.95



Professional Cutting Mat Display Assortment

Size: 28"w x 34"h x 27"d

Contents 24 assorted mats up to 24" x 36"

No. CM100D

SRP \$830.30



Self-Healing Hobby Mats

Quality self-healing and reversible cutting mats, fully numbered and gridded on both sides (1/2", 1/8", 45°, and 60° angle lines). Made from a unique, 3-ply, long-lasting 2mm composite material with a non-glare surface. Designed for both rotary and straight utility blades, and will not dull blades. Find the perfect center on any project with zero centering lines.

No.	Description	SRP
HM0305	3½" x 5½"	\$4.20 ea
HM0812	8½" x 12"	5.45 ea
HM1218	12" x 18"	9.95 ea
HM1824	18" x 24"	18.75 ea
HM2436	24" x 36"	37.00 ea



Self-Healing Hobby Mat Display Assortment

Size: 19"w x 27"h x 20"d

Contents: 33 assorted mats up to 18" x 24"

No. HM050D

SRP \$288.90



Tempered Stainless Steel Cutting Straightedges

2" wide x .093" thick. Features include a beveled edge and convenient hanging hole. Durable, with satin, non-glare finish. Used for cutting and ruling mats, paper, leather, glass, etc.

No.	Description	SRP
1109-18	18"	\$37.95 ea
1109-24	24"	44.50 ea
1109-30	30"	52.75 ea
1109-36	36"	59.50 ea
1109-42	42"	67.00 ea
1109-48	48"	82.00 ea
1109-60	60"	100.00 ea
1109-72	72"	124.00 ea



Mini Zip Utility Knife

This handy keychain utility knife measures 3" long. Blade extends with thumb pressure and retracts automatically. Lightweight, all plastic body in assorted colors, no choice.

No. CUK-11
SRP \$1.35 ea



Mini Zip Utility Knife Display Assortment

Size: 5" h x 5" diameter
Contents: 36 pieces of CUK-11

No. CUK11D
SRP \$48.60



Plastic Cutter

Multi-purpose, fully retractable rugged plastic cutter features a convenient pocket clip. Locking mechanism allows blade to be locked at any length. Uses standard 13 pt. small snap blades. Blister-carded.

No. SN100
SRP \$1.15 ea



Snap Blade Knife Display

Size: 5 3/4" h x 2 3/8" diameter
Contents: 12 pieces of SN100

No. SN100D
SRP \$10.95



Multi-Purpose Cutter

This cutter is made of steel and rugged plastic. It is fully retractable with locking mechanism and uses standard 13 pt. small snap blades. Blister-carded.

No. SN200
SRP \$1.90 ea



Snap Blade Knife Display

Size: 5 3/4" h x 2 3/8" diameter
Contents: 8 pieces of SN200

No. SN200D
SRP \$13.00



28mm Rotary Cutter

For right- or left-handed cutting. Designed for cutting tight corners, curves, and circles. Use on cloth, paper, vinyl, film, and more. Retractable plastic guard for safety. Easy blade changes, two included.

No.	Description	SRP
RT18	Cutter	\$10.65 ea
RRB	Refill blades, 2-pack	3.75 pk



Metal Cutter

Fully retractable, multi-purpose rugged metal body cutter has a convenient pocket clip. Makes an excellent wallpaper knife. Uses standard 13 pt. small snap blades. Blister-carded.

No. SN050
SRP \$1.75 ea



Heavy-Duty Cutter

This heavy-duty, multi-purpose cutter is made of steel and rugged plastic with a stainless steel blade chamber. Features a convenient pocket clip and locking mechanism that allows blade to be locked at any length. Fully retractable. Uses standard 13 pt. small snap blades. Blister-carded.

No. SN300
SRP \$2.25 ea



Cutter

This fully retractable cutter features rugged plastic construction and has a locking mechanism that allows the blade to be locked at any length. Uses standard 8 pt. large snap blades. Blister-carded.

No. SN400
SRP \$2.10 ea



Small Utility Cutter

Rugged plastic body with rubberized, anti-slip handle. Auto loading and fully retractable. Features a stainless steel chamber and locking mechanism. Uses standard 13 pt. small snap blades, 5 are included. Blister-carded.

No. SN269
SRP \$6.10 ea



Snap Blade Cutter

This fully retractable cutter is constructed of aluminum and uses standard small, 13 pt. blades. Locking mechanism allows blade to be locked at any length. Blister-carded.

No. SN112
SRP \$3.50 ea



Cutter

This multi-purpose heavy-duty cutter features rugged plastic construction and is fully retractable. Locking mechanism allows blade to be locked at any length. Uses standard 8 pt. large snap blades. Blister-carded.

No. SN450
SRP \$2.75 ea



Heavy-Duty Snap Blade Cutter

This heavy-duty, fully retractable cutter is constructed of aluminum and uses standard large, 8 pt. blades. Locking mechanism allows blade to be locked at any length. Blister-carded.

No. SN113
SRP \$4.95 ea



Heavy-Duty Utility Knife

Zinc alloy knife with ratchet wheel lock, anti-slip rubber grip handle, and stainless steel blade chamber. Locking mechanism allows blade to be locked at any length. Uses standard 8 pt. large snap blades. Blister-carded.

No. SN236
SRP \$9.90 ea



Zippy No. 1 Knife

For precise cutting of lightweight materials like paper, plastic, balsawood, film, foil, and cloth. Features a lightweight extruded aluminum handle with knurled grip, safety cap, and a No. 11-style blade. Blister-carded.

No. K111
SRP \$3.95 ea



Large Utility Cutter

Rugged plastic body with rubberized, anti-slip handle. Auto loading and fully retractable. Features a stainless steel chamber and locking mechanism. Uses large 8 pt. snap blades, 6 are included. Blister-carded.

No. SN268
SRP \$9.90 ea



Zippy Easy Grip No. 1 Knife

An anti-roll, rubberized barrel for control and comfort. Includes safety cap. No. 11-style blade for cutting paper, plastic, balsa, film, acetate, cloth, and thin metal. Blister-carded. Black.

No. K601
SRP \$7.35 ea



Retractable Utility Knife

Heavy duty metal construction, all-purpose utility knife features a locking mechanism that allows the blade to be locked at 9 lengths. Fully retractable. Convenient inside blade storage. Uses standard utility blade, two blades included. Blister-carded.

No. CUK-26
SRP \$8.95 ea



Premium Utility Knife

This premium-quality, all-purpose utility knife is constructed of metal on one side and durable plastic on the other. Features an easy-to-grip ergonomic design for added comfort and control and inside blade storage. Fully retractable blade with a locking mechanism that allows the blade to be locked at 9 lengths. Two blades included. Blister-carded.

No. CUK-36
SRP \$8.39 ea



Contractor Utility Knife

Contractor grade utility knife has a unique auto-load blade system that allows blades to be changed quickly and without tools. Constructed of heavy-duty zinc alloy with ergonomic shaped rubberized grip for comfort and control. Fully retractable blade can be set in three positions. Accepts standard utility blades with a 30-blade storage chamber, 5 blades are included. Blister-carded.

No. CUK-46
SRP \$17.95 ea



KN100D



KN200D

Knife Display Assortment

Size: 20"w x 30"h x 6"d

Contents: 102 pieces:

Knives

8 of CUK-26, 8 of CUK-36, 12 of SN400, 12 of SN450, 12 of SN050, 12 of SN100, 12 of SN200

Blades

18 of CUB-15, 12 of SNR80, 12 of SNR90

No. KN100D

SRP \$391.80

Knife Display Assortment

Size: 20"w x 30"h x 6"d

Contents: 108 pieces:

Knives

6 of CUK-46, 6 of SN236, 6 of SN268, 6 of SN269, 12 of SN050, 12 of SN100, 12 of SN200, 12 of SN300

Blades

12 of CUB-15, 12 of SNR80, 12 of SNR90

No. KN200D

SRP \$471.18



Sharp-Cut 90° Foam Board Cutter

Uniquely designed to cut 3/16" foam board and create perfect 90° rabbet edges and joints. An essential tool for model builders.

No.	Description	SRP
SC300	Foam board cutter	\$15.50 ea
SC/R	Refill blades, 2-pack	2.38 pk



Pocket Knife

A convenient, spring-loaded utility knife that's small enough to fit in a pocket or purse. Non-locking blade retracts automatically for safety. 2-pack, assorted colors, no choice. Blister-carded.

No. UC2

SRP \$1.50 pk

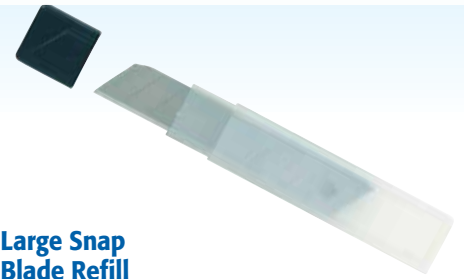


Multi-Purpose Cutting Set

4-pack includes 8 pt. large snap cutter, 13 pt. small snap blade cutter, 7" and 7½" multi-purpose scissors. Cutters are fully retractable with auto-lock feature allowing blade to be locked at any length. Scissors feature high-quality stainless steel blades designed for performance and precision. Ergonomically designed handles provide a no-slip, comfortable grip. Cuts paper, plastic films, ribbon, adhesive tapes, and more. Blister-carded.

No. MS2001

SRP \$12.95 st



Large Snap Blade Refill

10-pack of standard 8 pt. snap blades. Blister-carded.

No. SNR90

SRP \$4.69 pk



Small Snap Blade Refill

10-pack of standard 13 pt. snap blades. Blister-carded.

No. SNR80

SRP \$3.30 pk



No. 11 Art Blades

High-quality carbon steel with super sharp, long-lasting point for precision cutting. Fits all standard art and hobby knives.

No.	Description	SRP
AB-100	100/box	\$39.99 pk
CRB-11	5-pack, blister-carded	3.29 pk



Two-Notch Utility Blades

Ground razor edge to provide maximum blade life. Fits most standard utility knives. Blister-carded.

No.	Description	SRP
CUB-15	5-pack	\$2.30 pk
CUB-100	100-blade dispenser	33.00 pk



Zippy Cutting Tool

One of the most versatile tools ever designed for cutting paper, cloth, and plastic films. A standard double-edge razor blade is locked securely in the molded plastic handle. Slip the foot of the tool under the material to be cut and push for a straight, clean cut. Blister-carded. Assorted colors, no choice.

No.	Description	SRP
K353	Knife, single	\$3.70 ea
R53B	Refill blades, 12-pack	4.50 dz



Zippy Cutting Tool Display Assortment

Size: 11"w x 9"h x 9"d
Contents: 24 pieces of K353

No. K353D
SRP \$88.80



8" Premium Shears

Heavy-duty, self-sharpening stainless steel blades for premium performance and precision cutting. Adjusting screw in blades for tightening. High-impact plastic handles for both right- and left-handed users with ergonomic comfort grip. Convenient built-in bottle/jar opener. 2.5 oz.

No. 1092
SRP \$17.50 ea



Economy 8 1/2" Scissors

Precision-ground stainless steel blades perfect for home, office, and crafts. Ergonomically designed handles provide a no-slip, comfortable grip. Cuts paper, thin plastic, film, foil, and light cardboard.

No. 1094
SRP \$4.59 ea



8 1/2" Comfort Shears

All-purpose, high-quality scissors designed for performance and long life. Features precision ground blades with self-sharpening stainless steel edges. High-impact resistant plastic comfort handles. Cuts paper, plastic, film, foil, patterns, light cardboard, leather, canvas, rubber, and more.

No. 1096
SRP \$10.80 ea



3-Hole Paper Punch

Steel construction enables a clean punch through 12 sheets of 16 lb. paper. Adjustable for 2- or 3-hole. Comes with paper guide and rear chip tray.

No. 00780
SRP \$18.50 ea



Binder Clips

Made of tempered spring steel with sturdy wire handles that can remain upright for hanging or fold flat against the clipped material for storage. Permanent binding is accomplished by removing handles. 12 per box.

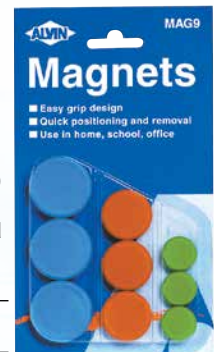
No.	Description	SRP
20107	3/4"	\$2.25 bx
50155	1 1/4"	3.59 bx
100260	2"	8.79 bx



Bulldog Clip

Heavy 3" spring clips with easy grip handles. Useful for fastening papers which are too thick for paper clips.

No. BCLIP
SRP \$1.65 ea



Magnets

Strong magnets with an easy-grip design. Quick positioning and removal. Use in home, school, and office. 3 each of 1 1/4", 1", and 5/8" per pack.

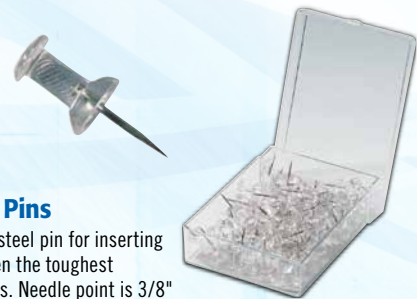
No. MAG9
SRP \$7.50 pk



Multi-Purpose Tool

All stainless, multi-purpose tool. Implements include needlenose plier, blade, awl, small, medium, and large screwdriver blades, bottle opener, can opener, phillips head screwdriver, and ruler/scaler. Includes belt pouch. 4 1/8" closed.

No. C801
SRP \$13.75 ea



Push Pins

Strong steel pin for inserting into even the toughest surfaces. Needle point is 3/8" length. 100/box. Clear plastic heads.

No. PP100-CL
SRP \$3.85 bx



ALVIN & COMPANY, INC. • P.O. Box 188, Windsor, CT 06095-0722
Phone: 860-243-8991 • Toll Free: 800-444-2584 • Fax: 860-242-8037 • Toll Free Fax: 800-777-2896

www.alvinco.com • orders@alvinco.com
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