

## TECHNICAL DATA SHEET AT 42RLA®

# CLEAR EMBOSSED APPLICATION FILM WITH RELEASE LINER ADHESION TECHNOLOGY

#### BACKING

An easy-to-tear, embossed transparent co-polymeric film for transfer of die-cut and computer-cut letters and emblems.

#### **ADHESIVE**

A natural rubber adhesive with medium tack level to perform clean pick up and transfer of vinyl graphics, regardless of type of vinyl used. The stable adhesive system permits longer time periods between application of the tape and the actual transfer.

#### PHYSICAL SPECIFICATIONS

Adhesive	~	Natural rubber
Colour		Translucent
Tape Thickness (PSTC-3	3) 👤	138 - 150 μm
*Adhesion to Steel (PSTC-1)		9 - 11 N/100 mm
Tensile (PSTC-31)	<b>←</b> <u>#</u>	13 Mpa
Elongation	<b>←</b>	150 %
Tear Resistance	+===	50-70 g

<sup>\*</sup> Adhesion PSTC-1, 1 minute on stainless steel at time of manufacture.

### R TAPE RELEASE LINER ADHESION (RLA™) PERFORMANCE FEATURES

R Tape Products upgraded with RLA technology have improved adhesion to paper or film release liners, yet maintain the specified adhesion level to the vinyl or printed graphic. R Tape RLA Premasks anchor themselves to the release liner for superior lay flat to prevent tunneling and edge curling of stacked or rolled graphics. Some R Tape RLA products significantly reduce the need for heat and vacuum process after lamination.

#### **FEATURES**

- Hand-tearable for easy dispensing
- Forgiving adhesive system. If the adhesive side of the film accidentally folds onto itself, it is easy to pull apart without delamination
- · Medium tack adhesive system, transfers difficult-to-transfer vinyl graphics and medium sized lettering
- Embossed facestock creates air-egress micro tunnels in the adhesive for bubble-free lamination of the application tape onto the vinyl graphics
- Good clarity to aid precise registration of multi-color overlays
- · Easy unwind eliminates exhausting application tape struggles
- Rigid co-polymeric film minimizes misalignment problems
- Excellent lay flat to resist curling
- Unique adhesive system will not build to vinyl during storage of graphics
- Static free

WARRANTY: R Tape warrantees our material for one (1) year from date of shipment. The shelf life of our material is dependent on storage conditions. We recommend that the end user store the material in the original boxes (out of direct sunlight) from our factory. We also recommend that our material be stored at 21°C with 50% relative humidity. R Tape only warrantees our products to be free from defects in workmanship or defects in R Tape material. We will replace or credit any material deemed defective. No acceptance or responsibility for loss, damage or expense implied or otherwise, shall be assumed by seller or manufacturer. User assumes all risk and liability in connection herewith.

