



RADICAL® 1313

Aggressive Acrylic Transfer Tape

RADICAL® 1313 is an aggressive, very high adhesion, 70 micron Acrylic Pressure Sensitive Adhesive Transfer Tape with excellent adhesion to low energy substrates. It is used in demanding applications where high adhesion is required to difficult substrates. The 70 micron coating ensures high tack and allows conformity to textured surfaces.

RADICAL® ADHESIVES outperform traditional acrylic adhesives and protect our precious environment. I.N.C. has developed a radical new solvent free adhesive technology to produce **RADICAL® ADHESIVES**. The 100% solids oligomer is cross-linked by intense UV radiation to produce levels of performance previously only available from environmentally destructive solvent based acrylic adhesives.

Typical Properties

Property	Test Method	Results
Adhesive Thickness	PSTC-33	0.07mm (70g/m ²)
Release Liner Thickness	PSTC-33	0.10mm (90g/m ²)
Loop Tack	FINAT 9	32N/25mm
180° Peel on stainless steel after 24 hours	PSTC-1	35N/25mm
180° Peel on polypropylene after 24 hours	PSTC-1	34N/25mm
Static Shear on stainless steel @ 23C Area 25 x 25mm, load 1000g	PSTC-7	800min
Out-gassing – Volatile Condensable Materials	DIN 75-201B	1.15%
Minimum Application Temperature		10C
Maximum Continuous Operating Temperature		85C

FEATURES

- 70 micron coat weight
- High adhesion strength
- High adhesion to low energy substrates
- Very high tack
- Good temperature resistance
- Low release moisture stable liner
- Pure acrylic adhesive
- Available in roll sizes up to 1.5m wide
- Available in jumbo rolls of 250m long

PREPARATION REQUIRED

- Surfaces must be smooth, clean and free from grease, loose or flaking paint, dirt, and contaminants.
- Surfaces can be cleaned with a solvent based cleaner before application
- Pressure should be used when applying to any surface
- Adhesion tests are recommended for powder coated surfaces as these may be contaminated by waxes and/or silicones from the coating

BENEFITS

- Useful for textured surfaces
- Strong adhesion, even to polypropylene, HD polyethylene & PU foam
- High initial adhesion (quick stick)
- Suitable for permanent application at elevated temperatures
- Suitable for plasticised PVC (ageing trials recommended)
- Easy liner removal
- Minimal "liner tunnelling"
- Excellent aging properties

APPLICATIONS

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COMMERCIAL-IN-CONFIDENCE

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