



RADICAL® 2352

High Performance Acrylic Tape-Double Sided Tissue

RADICAL® 2352 is a high performance, double-sided, acrylic pressure sensitive adhesive tape. It is supported by a nonwoven tissue carrier, making it especially suitable for application to open cell foams and fabrics. The flexibility of the tissue carrier allows conformity to textured surfaces. This tape exhibits high critical tack, high adhesion and good temperature resistance. It is especially suitable for automotive applications as it exceeds the requirements of MMAL ES-X61170, TMCA TSK5702G and GM Holden HN 1555.

RADICAL® ADHESIVES outperform traditional acrylic adhesives and protect our precious environment.

I.N.C.'s radical new technology produces **RADICAL® ADHESIVES** by cross-linking a 100% solids oligomer with intense UV radiation, producing levels of performance previously only available from environmentally destructive solvent based acrylic adhesives.

Typical Properties

Property	Test Method	Results
Adhesive Thickness (each side)	PSTC-33	50 micron (50g/m ²)
Tissue Carrier		12.7g/m ²
Release Liner Thickness	PSTC-33	120 micron (120 g/m ²)
Loop Tack	FINAT 9	29N/25mm
180° Peel on stainless steel after 24 hours	PSTC-1	35N/25mm
180° Peel on polypropylene after 24 hours	PSTC-1	30N/25mm
Static Shear on stainless steel @ 23C Area 25 x 25mm, load 1000g	PSTC-7	>2880 minutes (test terminated)
Out-gassing – Volatile Condensable Materials	DIN 75-201B	1.15%
Minimum Application Temperature		10C
Maximum Continuous Operating Temperature		110C

FEATURES

- Excellent adhesion to low energy substrates
- High initial tack
- High cohesive strength
- High temperature resistance
- Low out gassing
- Rayon tissue carrier
- Low release re-moisturised liner
- Available in roll sizes up to 1.4m wide
- Available in jumbo rolls of 250m long
- 100% acrylic adhesive

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 applying the product
- Pressure should be used when applying to any surface
- Adhesion tests are recommended for powder coated surfaces
- Aging trials should be performed on plasticised PVC and some rubbers

BENEFITS

- Powerful adhesion to polypropylene and HD polyethylene High initial adhesion (quick stick)
- High adhesion
- High holding power
- Low fogging
- Conformable, stretch resistant carrier
- Easy liner removal
- Minimal "liner tunnelling"
- Excellent aging properties

APPLICATIONS

- An excellent adhesive for all types of automotive components, seals and gaskets, electronic equipment, white-goods, brown-goods and nameplates
- Especially suitable for open and closed cell foams, steel, tin, aluminium, fibreglass, PVC, polypropylene and HD polyethylene, as well as woven and nonwoven fabrics
- Suitable for most painted and enamelled surfaces (see Preparation)



COMMERCIAL-IN-CONFIDENCE

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