



RADICAL® 2252

High Performance Acrylic Tape - Double Sided Tissue

RADICAL® 2252 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. This tape exhibits medium tack, high adhesion and high temperature performance. 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 (both sides)	PSTC-33	50 micron (50g/m ²)
Rayon Tissue Carrier		12 micron (12.7g/m ²)
Release Liner Thickness	PSTC-33	140 micron (140 g/m ²)
Loop Tack	FINAT 9	28N/25mm
180° Peel on stainless steel after 24 hours	PSTC-1	28N/25mm
180° Peel on polypropylene after 24 hours	PSTC-1	26N/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	0.87%
Minimum Application Temperature		10C
Maximum Continuous Operating Temperature		120C

FEATURES

- High temperature resistance
- High initial tack
- High cohesive strength
- Excellent plasticiser resistance
- Low out gassing
- Excellent adhesion to low energy substrates
- Rayon tissue carrier
- Extremely low release re-moisturised liner
- Excellent damping properties
- Available in roll sizes up to 1.4m 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 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

- High initial adhesion (quick stick)
- Creep resistant
- High holding power
- Suitable for plasticised PVC (see Preparation)
- Low fogging
- Strong adhesion to polypropylene and HD polyethylene
- Conformable, stretch resistant carrier
- Easy liner removal
- Minimal "liner tunnelling"
- Will not corrupt electronic equipment
- Excellent aging properties
- Cost effective application

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

I.N.C. Corporation Pty. Ltd. ABN 74 005 302 250
22 Cleeland Road, Oakleigh South, Vic. 3167 Australia
Tel: +613 9543 2800 Fax: +613 9543 8108
Web: www.inccorp.com.au



ISO9001 and QS9000
Lic 0034
Standards Australia