

TECHNICAL DATA SHEET

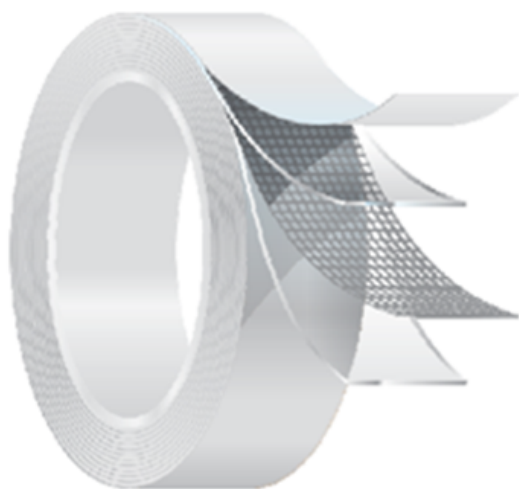
Avery Dennison™ FT 7951 SA is a double coated scrim tape with a dispersion-based modified acrylic adhesive used for bonding polyurethane foam, polyester fibers, felts and fabrics to a wide variety of substrates. Provides high adhesion to medium and low surface energy materials such as PP, PE, TPO, ABS, PVC, polystyrene and painted metals. Ideal for general purpose foam bonding applications such as gaskets, sound deadening and insulation materials in automotive, building and construction, appliance assembly and general industrial sub-assembly. FT 7951 SA has a glassine natural liner with recycled content, reducing the ecological footprint, contributing to CO₂ reduction.

FEATURES

- Easy release, glassine, natural release liner with recycled content:
 - 15% PCR fibres “Post Consumer Recycled Content”
 - Remaining virgin fibres are unbleached
 - No dyes added, providing a natural color
 - Less chemicals in production & recycling
 - 78 gsm natural glassine liner
- Dispersion-based modified acrylic adhesive
- APEO free adhesive
- High initial tack
- Broad range of service temperatures
- Polyester scrim reinforcement

BENEFITS

- Excellent resistance to solvents, chemicals, plasticizers, temperature and UV light
- Reduced environmental impact
- Medium resistance to moisture
- Good conformability to flat or curved surfaces
- Immediate initial adhesion for part placement
- Excellent water jet and die cutting characteristics
- Helps provide tear resistance



CONSTRUCTION

Liner: Glassine natural liner with recycled content

Adhesive 1: Dispersion-based modified acrylic

Carrier: Polyester scrim

Adhesive 2: Dispersion-based modified acrylic



Performance
Tapes

Adhesive Properties

Typical Values

THICKNESS (ASTM D3652)	US Mils	MM's	Micron's (µm)
Liner	2.64	0.067	67
Adhesive + Carrier	3.54	0.090	90
Total Caliper	6.18	0.157	157
PEEL ADHESION (ASTM D3330) 180° (12") 300 mm / min @ Room Temp			
SUBSTRATE		Lbf / in	N / Meter
Stainless Steel	72 hr dwell	7.42	1300
ABS	72 hr dwell	6.85	1200
Polypropylene	72 hr dwell	6.28	1100
LOOP TACK (ASTM D6195) (12") 300 mm / min @ Room Temp			
SUBSTRATE		Lbf / in	N / Meter
Glass		5.14	900
TEMPERATURES		°F	°C
Minimum Application Temperature		50 °F	10 °C
Minimum Service Temperature		-40 °F	-40 °C
Maximum Service Temperature		266 °F	130 °C

Note: The listed values are typical only and not intended to serve as product specifications

APPLICATION TECHNIQUES

- It is essential with all pressure-sensitive tapes the application surface is clean, dry and free of grease and oil
- Bond strength is dependent upon the amount of adhesive-to-surface contact developed
- Note that different pressure, time and temperature on different (firm / rigid) surface achieves different performance

STORAGE / SHELF LIFE

Two years when stored at 64-72 °F (18-22 °C) / 30-70 % relative humidity, out of direct sunlight and in original packaging.



Sustainable ADvantage

Our flagship products and solutions portfolio Sustainable ADvantage helps to set the benchmark for innovation, sustainability and regeneration across the entire supply chain.

For more information on our bonding tapes and adhesive solutions, call us:

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