

TECHNICAL DATA SHEET

MED 9302SF

MED 9302SF is a 5.7 mil double coated polyester with a silicone adhesive on the laminating side and a modified acrylic adhesive on the mounting side and a double liner system. It is designed for bonding silicone foams and rubber adhesive to medium and high surface energy materials. MED 9302SF is commonly used in automotive and general industrial applications.

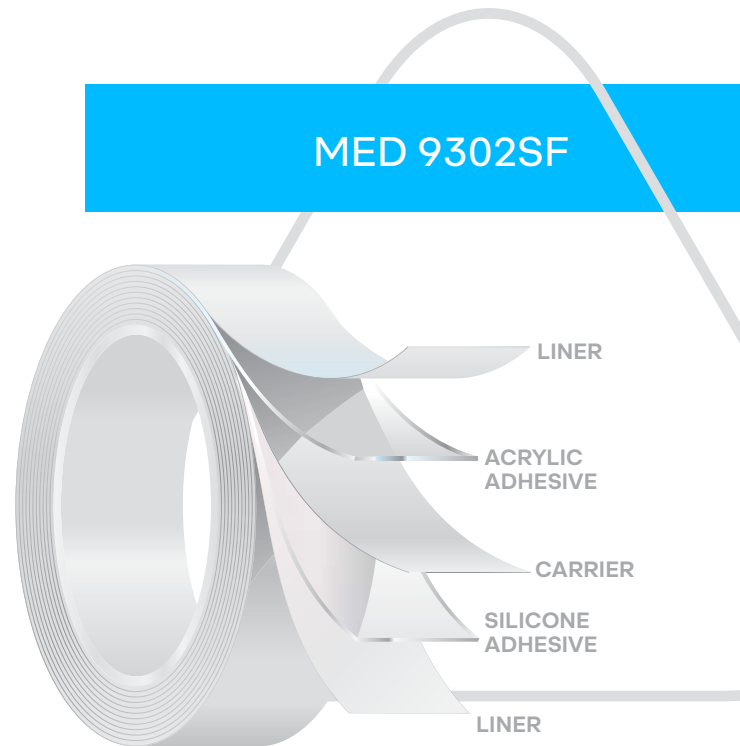
TYPICAL APPLICATION

It is essential, as with all pressure-sensitive tapes, that the surface to which the tape is applied be clean, dry, and free of grease or oil. Bond strength is dependent upon the amount of adhesive-to-surface contact developed.*

*Note that different pressure, time and temperature on different (film/rigid) surface achieves different performance.

FEATURES AND BENEFITS

- Double lined, double coated tape construction with a differential adhesive system
- Multipurpose silicone adhesive on the laminating side
- Modified acrylic adhesive for low surface energy substrates on the mounting side
- Polyester film carrier
- Poly coated kraft primary release liner and polyester process liner
- Dimensional stability and good die cutting characteristics
- Strong bond to silicone rubber and silicone foam
- Strong bond to low surface energy materials
- High tensile strength and good converting performance
- Good moisture stability and lay flat properties
- Two-year warranty



ADHESIVE PROPERTIES		TYPICAL VALUES*		
THICKNESS	ASTM D3652	US MILS	MM'S	MICRONS
LINER 1 EASY		5.6	0.14	142
ADHESIVE 1 - LINER		2.2	0.06	56
CARRIER		1.0	0.03	25
ADHESIVE 2 - UNWIND		2.6	0.06	65
TOTAL CALIPER WITHOUT LINER		5.8	0.15	146
TOTAL CALIPER		13.4	0.34	339

*Refer to product specifications for material acceptance limits.

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PEEL ADHESION		ASTM D3330	
180° 12 in (300 mm) min @ Room Temp			
SUBSTRATE	LBF / IN	N / METER	
SS LINER 72 HR DWELL	6.0	1,057	
SS UNWIND	8.0	1,409	

PEEL ADHESION		ASTM D3330	
180° 12 in (300 mm) min @ Room Temp			
SUBSTRATE	LBF / IN	N / METER	
ABS LINER 72 HR DWELL	5.5	969	
ABS UNWIND	8.0	1,409	

LOOP TACK		ASTM D6195	
180° 32 in (508 mm) min @ Room Temp			
SUBSTRATE	LBF / IN	N / METER	
SS LINER INITIAL	6.0	1,057	

STATIC SHEER		ASTM D3654	
180° 1" sq (6.5 cm ²) 1000 g @ Room Temp			
SUBSTRATE	MIN TO FAIL		
SS LINER 24 HR DWELL	> 10,000		

TEMPERATURES		
MINIMUM APPLICATION TEMPERATURE	50° F	10° C
MINIMUM SERVICE TEMPERATURE	-40° F	-40° C
MAXIMUM SERVICE TEMPERATURE	350° F	175° C

STORAGE AND 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

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