

Datasheet

Grey Single Sided Foam Tape, Silicone Foam

RS Stock number [733-6794](#)



Description:

Grey Silicone Single Sided Sponge Tape which has good compliance with fire, smoke and toxicity requirements.

- Temperature range -55°C to +200°C
- Excellent recovery/compression resistance
- Fire retardant to UL94-V0
- Length 5m
- Dust and moisture seals
- Anti rattle strip
- Door closure strip



Specifications:

	Test Method	Typical Value
PHYSICAL		
Thickness, inches, (mm):		1/32-1/2 (0/8-12.7)
Standard Width, inches, (mm):		36 (914)
Density, lb./ft ³ (kg/m ³):	ASTM D 1056	22 (352)
Compression Force Deflection, psi (kPa):	Force measured @ 25% Deflection ASTM D 1056	9.0 (62.0)
Compression Set % max:	ASTM D 1056 Test D @ 158°F (70°C)	< 1
Tensile Strength, psi (kPa):	ASTM D 1056 Test D @ 212°C (100°C)	<5
Elongation %:	ASTM D 412	45 (310)
	ASTM D 412	89
FLAMMABILITY % OUTGASSING		
Flame Resistance:	UL 94	Listed v-0 & HF-1
Flame Spread Index (L):	ASTM E 162	< 25
Smoke Density (D):	ASTM E 662	
	Tested @ 4.0 minutes	< 50
	Tested @ 1.5 minutes	< 20
Toxic Gas Emissions Rating:	SMP-800C	Pass
ENVIRONMENTAL PROPERTIES		
Water Absorption :	Internal: 24 hrs @ room temp.	1.40%
UV Resistance:	SAE J- 1960	No Degradation
Ozone Effect Rating:	ASTM D 1171	0 (No Cracks)
Corrosion Resistance:	AMS - 3568	Pass
Meets Requirements of FDA CFR 177.2600 for Food Contact		Yes
ELECTRICAL & THERMAL PROPERTIES		
Dielectric Constant:	ASTM D 150	1.42
Dielectric Strength:	ASTM D 149, Volts, mil	91
Dry Arc Resistance:	ASTM D 495, Seconds	92
Volume Resistivity, Ohm0cm:	ASTM D 257	10 [^] 14
Thermal Conductivity, BTU in/hr/ft ² /°F (-55°):	ASTM C 518	0.63 (0.09)
	L.O.I (BS2782 Part 1 Method 141:1986)	36.20%
	Temperature Index (BS EN ISO 4589-3 1996)	
	Smoke- Small scale cube	Ao 0.005
TEMPERATURE RESISTANCE		
Low Temperature Flex at -67°F (-55°C):	ASTM D 1056	Pass
Recommended Use Temperature °F (°C):	SAE J-2236	-67 to 392 (-55 to 200)
Recommended Intermittent High Temperature Use, °F (°C):	Internal	482 (250)