

Datasheet

White Single Sided Foam Tape, Silicone Foam

RS Stock number [733-6817](#)



Description:

White 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 grey: 5m, length white: 6m
- Dust and moisture seals
- Anti rattle strip
- Door closure strip
- Soft grade sponge in white



Specifications:

PHYSICAL

Thickness, inches, (mm):

Standard Width, inches, (mm):

Density, lb./ft³(kg/m³):

Compression Force Deflection, psi (kPa):

Compression Set % max:

Tensile Strength, psi (kPa):

Elongation %:

FLAMMABILITY % OUTGASSING

Flame Resistance:

Flame Spread Index (L):

Smoke Density (D):

Toxic Gas Emissions Rating:

ENVIRONMENTAL PROPERTIES

Water Absorption :

UV Resistance:

Ozone Effect Rating:

Corrosion Resistance:

Meets Requirements of FDA CFR 177.2600

for Food Contact

ELECTRICAL & THERMAL PROPERTIES

Dielectric Constant:

Dielectric Strength:

Dry Arc Resistance:

Volume Resistivity, Ohm0cm:

Thermal Conductivity, BTU in/hr/ft²/°F (-55°):

Test Method

ASTM D 1056

Force measured @ 25%

Deflection ASTM D 1056

ASTM D 1056 Test D @ 158°F (70°C)

ASTM D 1056 Test D @ 212°C (100°C)

ASTM D 412

ASTM D 412

UL 94

ASTM E 162

ASTM E 662

Tested @ 4.0 minutes

Tested @ 1.5 minutes

SMP-800C

Internal: 24 hrs @ room temp.

SAE J- 1960

ASTM D 1171

AMS - 3568

ASTM D 150

ASTM D 149, Volts, mil

ASTM D 495, Seconds

ASTM D 257

ASTM C 518

L.O.I (BS2782 Part 1 Method 141:1986)

Temperature Index (BS EN ISO 4589-3 1996)

Smoke- Small scale cube

NFF 16-101 M/I:

NFF 16-101 F:

NES713 Toxicity Index

R' Value to NFC 70-100

TEMPERATURE RESISTANCE

Low Temperature Flex at -67°F (-55°C):

Recommended Use Temperature °F (°C):

Recommended Intermittent High Temperature

Use, °F (°C):

ASTM D 1056

SAE J-2236

Internal

Typical Value

0.062-1.00
(1.6-25.4)

36 (914)

13 (208)

3 (20.7)

< 1

<5

35 (241)

90

Listed v-0 & HF-1

< 35

< 50

< 20

Pass

3.50%

No Degradation

0 (No Cracks)

Pass

Yes

1.34

89

90

10¹⁴

0.39 (0.06)

31.40%

<280°C

Ao 0.018

I2

F0

0.58

0.29

Pass

-67 to 392 (-55 to 200)

482 (250)