

3M™ Foam Tapes

Key Customer Markets

- ◆ Electronics
- ◆ Appliance
- ◆ Aerospace

Use these tapes to protect your products from the elements of destruction. Two different backing/adhesive combinations meet demanding applications requiring gasketing, baffling, cushioning, and insulating.

- Vinyl foam tapes feature a closed cell design to provide durability, flexibility, weather resistance, and a seal against dust, light, and moisture.

- Urethane foam tapes have an open cell and include models with excellent cushioning characteristics and high absorbcency to trap moisture, dust, and contaminants.

PRODUCT INFORMATION

Product/ Color	Tape Structure/ Adhesive	Approx. Thickness in. (mm)	Density lb./cu. ft (kg/cu m)	Tensile Strength psi (kPa)	Compression Deflection 25% psi (kPa)	Compression Set % Loss	Temperature Range F (°C) (continuous)	Comments
ASTM Test Method:			D-3574	D-3574	D-3574	D-1667		

SINGLE COATED FOAM TAPES

Urethanes								
4104/Natural White	Urethane/Acrylic	0.250 (6)	12 (192)	115 (795)	4 (27.6)	8	0 to 200°F (-18 to 93°C)	Open cell foams.
4108/Natural White	Urethane/Acrylic	0.125 (3)	16 (256)	130 (895)	6 (41.4)	8	0 to 200°F (-18 to 93°C)	Open cell foams.
4116/Natural White	Urethane/Acrylic	0.062 (1.5)	18 (288)	115 (795)	12 (82.8)	12	0 to 200°F (-18 to 93°C)	Open cell foams.
4314/Charcoal Gray	Urethane/Acrylic	0.250 (6)	2 (32)	25 (170)	0.3 (2.1)	5	-20 to 150°F (-29 to 66°C)	Open cell foams.
4317/Charcoal Gray	Urethane/Acrylic	0.375 (9.5)	2 (32)	25 (170)	0.3 (2.1)	5	-20 to 150°F (-29 to 66°C)	Open cell foams.
4318/Charcoal Gray	Urethane/Acrylic	0.125 (3)	2 (32)	25 (170)	0.3 (2.1)	5	-20 to 150°F (-29 to 66°C)	Open cell foams.
4014/Silver	Aluminum-Urethane/Acrylic	0.250 (6.35)	13 (208) ¹	—	—	—	-94 to 86°F (-70 to 30°C) ²	Open cell foams.

Vinyls								
4504/Black	Vinyl/Acrylic	0.250 (6)	20 (320)	90 (620)	4 (27.6)	15	0 to 150°F (-18 to 66°C)	Closed cell foams.
4508/Black	Vinyl/Acrylic	0.125 (3)	20 (320)	100 (690)	4 (27.6)	15	0 to 150°F (-18 to 66°C)	Closed cell foams.
4516/Black	Vinyl/Acrylic	0.062 (1.5)	25 (400)	130 (895)	4 (27.6)	15	0 to 150°F (-18 to 66°C)	Closed cell foams.
4714/Black	Vinyl/Acrylic	0.250 (6)	14 (225)	75 (515)	2 (13.8)	5 ³	0 to 150°F (-18 to 66°C)	Closed cell foams.
4718/Black	Vinyl/Acrylic	0.125 (3)	18 (288)	95 (650)	2 (13.8)	5 ³	0 to 150°F (-18 to 66°C)	Closed cell foams.
4726/Black	Vinyl/Acrylic	0.062 (1.5)	20 (320)	130 (895)	3 (20.7)	15 ³	0 to 150°F (-18 to 66°C)	Closed cell foams.

¹ FAR 25.853 (b)

² Optimum Damping Temperature

³ At 212°F (100°C)

Note: This technical information and data should be considered representative or typical only and should not be used for specification purposes.