

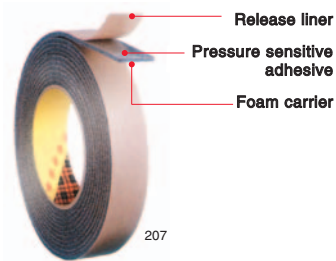


3M™ Single Coated Foam Tapes

Roll-on protection against moisture, dust, noise, vibration, and impact

3M™ Single Coated Foam Tapes are strips of foam in a roll with high strength acrylic adhesive on one side of the foam. Cut to length, they seal, damp, insulate or cushion. For die-cut shapes, 3M™ Single Coated Foam Tape Series 4100, 4300, and 4700 is protected by a liner. With 3M™ Single Coated Foam Tape Series 4500, the liner is on the non-adhesive side to minimize foam stretching while placing the gasket.

Urethane foams seal, cushion, damp sound, and absorb vibration. Weather-resistant vinyl foams seal out light and dust when under compression and remain flexible even when exposed to variable temperatures and UV.



In a computer printer, 3M™ Urethane Foam Tape 4318 is a very soft, low density cushion that helps absorb impact and vibration.



When compressed 50%, the open cell construction of 3M™ Urethane Foam Tape 4314 provides an air barrier and cushion in electronic equipment.



To help prevent light leakage around a sign perimeter, 3M™ Vinyl Foam Tape 4726 attaches securely on contact.



In outdoor mailboxes, strips of 3M™ Vinyl Foam Tape 4504 helps seal the inside from rain and dirt. Vinyl provides excellent aging characteristics and remains flexible.

Product Information: 3M™ Single Coated Foam Tapes

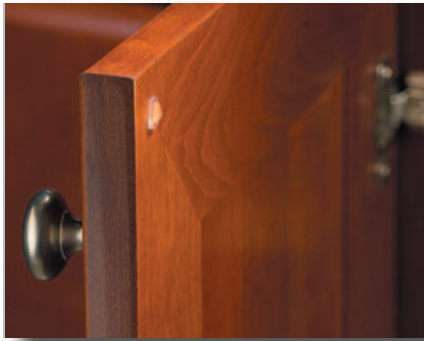
	Product Number/Color	Description	Adhesive	Approximate Thickness	Density lb/cu ft (kg/cu m)	Tensile Strength (psi (kPa))	Compression Deflection 25% psi (kPa)	Compression Set % Loss	Temperature Tolerance	
									Short-Term	Long-Term
Urethane	4104* Natural White	• Firm, rigid, open cell urethane foam for cushioning • Allows air or gas vapors to pass through • Not recommended for outdoor use	350 Acrylic	0.250" (6mm)	12 (192)	115 (795)	4 (27.6)	8	350°F (176°C)	200°F (93°C)
	4108 Natural White		350 Acrylic	0.125" (3mm)	16 (256)	130 (895)	6 (82.8)	8		
	4116 Natural White		350 Acrylic	0.062" (1.5mm)	18 (288)	115 (795)	12 (82.8)	12		
	4314 Charcoal Gray	• Soft conformable, low density foam for sealing out air, dust and light when compressed 30% • Used to help damp sound and absorb vibration in electronics	430 Acrylic	0.250" (6mm)	2 (32)	25 (170)	0.3 (2.1)	5	250°F (121°C)	150°F (66°C)
	4317* Charcoal Gray		430 Acrylic	0.375" (9.5mm)	2 (32)	25 (170)	0.3 (2.1)	5		
	4318 Charcoal Gray		430 Acrylic	0.125" (3mm)	2 (32)	25 (170)	0.3 (2.1)	5		
Vinyl	4504* Black	• Durable, flexible, closed cell vinyl foams with excellent aging characteristics • Weather resistant • Application ideas include dust and moisture seal • Same as above except lower density • Liner over PSA	430 Acrylic	0.250" (6mm)	20 (320)	90 (620)	4 (27.6)	15	250°F (121°C)	150°F (66°C)
	4508* Black		430 Acrylic	0.125" (3mm)	20 (320)	100 (690)	4 (27.6)	15		
	4516* Black		430 Acrylic	0.062" (1.5mm)	25 (400)	130 (895)	4 (27.6)	15		
	4714* Black		430 Acrylic	0.250" (6mm)	14 (225)	75 (515)	2 (13.8)	5		
	4718* Black		430 Acrylic	0.125" (3mm)	20 (320)	100 (690)	4 (27.6)	15		
	4726* Black		430 Acrylic	0.062" (1.5mm)	20 (320)	130 (895)	3 (20.7)	15		

* Meets requirements of UL 94HBF.

Note: The technical information and data provided here should be considered representative or typical only and should not be used for specification purposes. User should evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for user's method of application.



An overview of other 3M Adhesive Technologies



212

3M™ Bump-on™ Protective Products are convenient peel-and-apply resilient bumpers that quiet and cushion impact.



213

3M™ UHMW-PE Tape 5425 provides a “slip plane” effect between incompatible surfaces to help reduce squeaks and rattles.



214

To help insure a scratch-free product, a short-term 3M™ Protective Tape is applied after final finishing to a sink, spa, or countertop prior to packaging. The co-extruded backing protects during shipping and installation, and the special acrylic adhesive releases for clean and easy removal by the end-user.



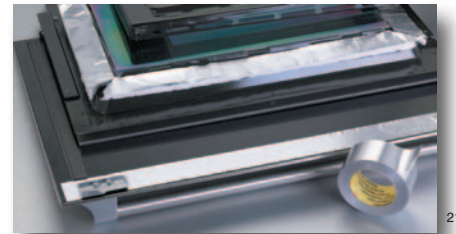
215

To enhance the view from the inside and out, day or night, window manufacturers can add 3M™ Accentrim™ Products into their existing operation simply and cost effectively.



216

With the wide variety of 3M™ Crepe Masking Tapes, industrial customers have a selection of holding power, line sharpness, and removal characteristics that are matched to the job, ranging from critical part paint masking to bundling.



217

3M™ Aluminum Foil Tape bonds on contact as heat shielding inside an oven door. Helps keep the exterior cool to the touch behind the handle and around the window perimeter.



218

For aisle marking and hazard identification, 3M™ Vinyl Tape 471 simply rolls onto a surface, adheres on contact, outlasts paint, and peels off when ready to remark the area.



219

Self-fixturing 3M™ Damping Foil Tape combines a unique viscoelastic polymer with an aluminum constraining layer to damp vibration and help quiet metal and plastic.



220

Strong grip and rugged cloth backing of 3M™ Performance Plus Duct Tape 8979 perform reliably indoors and out for holding, wrapping, sealing, moisture proofing, hanging poly, and more. Removes cleanly for up to 6 months.