

Product Information, 3M™ Double Coated Foam Tapes

	Product Number	Tape Thickness Mils (mm)	Description	Adhesive Type	Temperature Resistance		Solvent Resistance	Relative Adhesion		Application Ideas	Liner Type	
					Minutes Hours	Days Weeks		HSE	LSE			
Urethane	4004	250 (6.4)	Off-white, open-cell urethane foam carrier. Features high shear adhesive with high temperature resistance.	100	380°F (193°C)	220°F (104°C)	Medium	High	Low	Bond mirrors to walls or furniture. Bond acoustic panels to walls. Mount air fresheners. Mount soap dispensers. Mount interior signs and nameplates. Attach wire clips to various surfaces.	A	
	4008	125 (3.2)										
	4016	62 (1.6)										
	4026	62 (1.6)										
	4032	31 (0.8)										
	4042	31 (0.8)	Off-white, open-cell urethane foam carrier. Features high tack adhesive.	710	200°F (93°C)	150°F (66°C)	Medium	High	High	Mount electrical channel to wall surfaces. Vibration damping for electronic components.	A	
	4046	62 (1.6)										
	4052	31 (0.8)	Black version of 4032 tape.	100	380°F (193°C)	220°F (104°C)	Medium	High	Low	Die cut pieces.	A	
	4056	62 (1.6)	Black version of 4016 and 4026 tapes.									
	4085	45 (1.1)	Off-white, open-cell urethane foam carrier. Features high tack adhesive.	740	200°F (93°C)	125°F (52°C)	Medium	High	High		F	
Vinyl	4408	125 (3.2)	Black, closed-cell vinyl foam carrier.	430	200°F (93°C)	150°F (66°C)	Medium	High	Low	Mount indoor sign, nameplates and wall corner protectors to irregular surfaces. Mount fiberglass trim panels in trailers. Hold polycarbonate panels in vending machines. Mount display screen in electronic scales.	A	
	4416	62 (1.6)	White or black, closed-cell vinyl foam carrier.									
	4432	31 (0.8)										
Elastomeric	4921	16 (0.4)	White, closed-cell elastomeric foam carrier. Provides thin bond line.	100	200°F (93°C)	150°F (66°C)	Medium	High	Low	Bond trim strips to computer printer housing.	A	
Polyethylene	4462	31 (0.8)	White or black, closed-cell polyethylene foam carrier. High tack adhesive.	745	158°F (70°C)	120°F (49°C)	Medium	High	High	Attach hooks, wire clips and racks. Mount retail shelf price channels. Mount pen holders. Window glazing.	B	
	4466	62 (1.6)										
		4492	31 (0.8)	White or black, closed-cell polyethylene foam carrier. High shear adhesive with high temperature resistance.	430	180°F (82°C)	158°F (70°C)	Medium	High	Low	Mount nameplates on awards and novelties. Point of purchase displays and signs.	C
		4496	62 (1.6)									
Neoprene	4962	31 (0.8)	Black, closed-cell neoprene foam carrier. Offers high internal strength and high temperature resistance. UL Listing 746C and UL 94HB.	100	380°F (193°C)	220°F (104°C)	High	High	Low	Mount indoor signs and nameplates to irregular surfaces. Bond aluminum frames. Attach stiffeners in steel desks. Bond ABS liner to truck beds.	A/E	
		4965										45 (1.1)
		4992	31 (0.8)	Black, closed-cell neoprene foam carrier. Offers good adhesion to many surfaces.	710	250°F (121°C)	150°F (65°C)	Medium	High	High	Mount indoor signs. Sealing and gasketing.	A
Acrylic	4658F	31 (0.8)	Clear closed foam acrylic removable foam tape. Offers clean removability from many substrates.	100	212°F (100°C)	175°F (80°C)	High	High	Low	Removable P.O.P. displays. Signs. Exhibitions. Name plates.	D	

*Peel adhesion limited by internal foam strength.

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.

Liner Types:

A – 3 mil 62# Densified Kraft paper – Green plaid
 B – 3 mil Densified Kraft paper – White
 C – 4 mil 58# Polycoated Kraft paper – Tan
 D – 2 mil Polyester film
 E – 3.5 mil Polyethylene film – Green
 F – 3 mil Densified Kraft paper – Tan

Relative Adhesion:

HSE – High Surface Energy
 LSE – Low Surface Energy
 (See p. 28)