

3M™ Single Coated Tapes

Material (alphabetical order)	Product	Typical Performance Characteristics/ Application Ideas	Color	Total Caliper mils (mm)	Backing		Adhesive Type	Specs	Temperature Range °F (°C)	
					Material	Caliper mils (mm)				
Premium Performance Aluminum Foil Tape	363/ 363L	An aluminum foil/glass cloth tape that can be used as a high temperature, heat reflective, protective wrap for certain cables and other components in aerospace and industrial applications. 363L is lined version.	Silver	7.3 (0.19)	Aluminum Foil Laminated to Glass Cloth	3.4 (0.09)	Silicone	F.A.R. 25.853(a)	-65 to 600 (-54 to 316)	
	★ 425	Dead-soft aluminum foil tape. Masking of sensitive components to protect from damage during aircraft paint stripping. In white goods appliances, tape provides an excellent moisture barrier, helps reflect and dissipate heat.		4.6 (0.12)	Aluminum Foil	2.8 (0.07)	Acrylic	F.A.R. 25.853(a); SAE AMS T-23397; UL 723; UL 746C; LT-80 C	-65 to 300 (-54 to 149)	
	427	Dead-soft aluminum foil tape. Lined version of 425 that can be easily die-cut into special sizes or shapes. Mask sensitive components to protect from damage during paint stripping or reflect and dissipate heat.		3.1 (0.08)				F.A.R. 25.853(a); UL 723; UL 746C; LT-80 C		
	431	Dead-soft aluminum foil with transparent acrylic adhesive for many permanent sealing, holding, splicing or masking applications requiring the protection offered by a foil backing.						F.A.R. 25.853(a)		
	433	Dead-soft aluminum foil backing with silicone adhesive that can be used in many high temperature applications.		3.6 (0.09)		2.0 (0.05)	Silicone	F.A.R. 25.853(a); US Gov A-A-59258; MIL-T-47014	-65 to 600 (-54 to 316)	
	433L	Lined version of 433.		3.5 (0.09)		2.8 (0.07)	Acrylic	F.A.R. 25.853(a)	—	-40 to 212 (-40 to 100)
	437	Dead-soft aluminum foil tape. Aggressive acrylic adhesive.		8.0 (0.20)						
	438	Thickest aluminum tape.		7.2 (0.18)						
	439	Lined version of 431.		3.1 (0.08)		1.9 (0.05)	Conductive Acrylic	UL 510	-40 to 250 (-40 to 12)	
	3302	Aluminum foil tape. EMI/RFI shielding. Perforated.		3.5 (0.09)		2.0 (0.05)				
	1430	Dead-soft aluminum foil tape combined with a non-woven web. It has a pressure sensitive adhesive and offers superior sealing benefits of foil with ease of handling and strength of cloth.		5.5 (0.14)		Aluminum/ Non-Woven Web	5.0 (0.13)	Acrylic	—	-65 to 300 (-54 to 149)
General Purpose Aluminum Foil Tape	3311	Designed for maximum adhesion over clean, dry surfaces. Scotch® Tape branded product.	Silver	3.6 (0.09)		Aluminum Foil	2.0 (0.05)	Rubber	UL 723	-10 to 180 (-23 to 82)
	3380	Good for narrow slit rolls.		3.3 (0.08)	Acrylic					—
	3381	Value grade aluminum foil tape.		2.7 (0.07)			1.4 (0.04)			
	4380	General purpose aluminum foil tape.		3.3 (0.08)			2.0 (0.05)			
	34383	General purpose aluminum foil tape.		4.5 (0.11)			2.8 (0.07)			
	3363	Good for narrow slit rolls.		5.0 (0.13)			3.0 (0.08)	UL 723	-40 to 250 (-40 to 121)	
	3367	Good for die-cut applications.		4.4 (0.11)						
HVAC Construction	3320	Aluminum foil/scrim/laminate.	Silver	6.7 (0.17)	Aluminum Foil	6.0 (0.16)	Acrylic	UL 723	-20 to 175 (-29 to 79)	
	3340	Aluminum foil tape for use with rigid and flexible ducts.		4.0 (0.10)	2.0 (0.05)	UL 181A-P; UL 181B-FX		-30 to 250 (-34 to 121)		
	3350	Polypropylene tape for use with flexible ducts.		3.1 (0.08)	Silver Polypropylene Film	1.6 (0.04)		UL 181 B-FX	-30 to 230 (-34 to 110)	

★ Go-To Product

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