

FOIL TAPE QUICK REFERENCE GUIDE

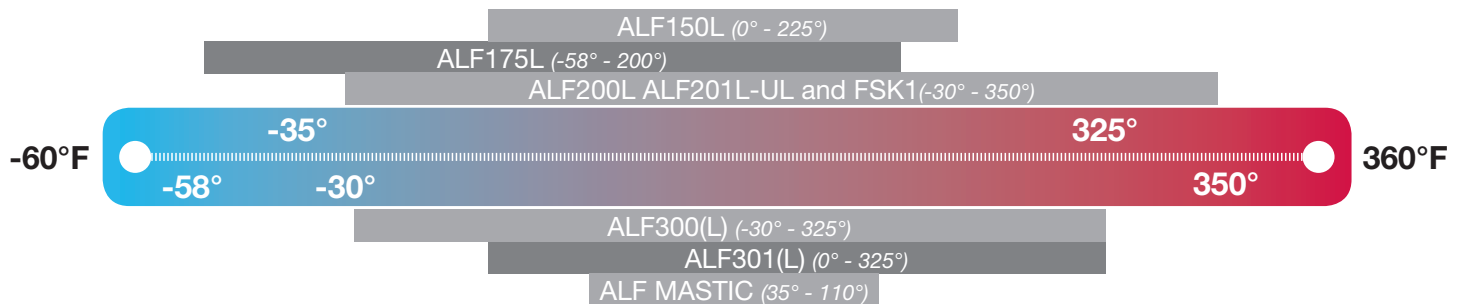


Foil Tape Styles and Applications

Style	Nominal Thickness		Total Thickness		Adhesion to Steel 90°		Tensile		Elongation	Adhesive Type	UL-723	Applications
	mil	mm	mil	mm	oz/in	N/25mm	lbs/in	N/25mm	%		Y/N	
Utility Grade Products												
ALF150L*	1.5		3.3	0.084	115	31.5	18	79	3.0	Synthetic Rubber/Resin	Y	HVAC applications, seaming and sealing fiberglass duct board and duct wrap
Medium Grade Products												
ALF175L*	1.75		3.3	0.084	80	21.9	20	87.5	5.0	Acrylic	Y	HVAC duct wrap, cold temperature tape
Premium Grade Products												
ALF200/ ALF200L*	2.0		3.9	0.099	60	16.4	29	127	5.6	Acrylic	Y	HVAC duct wrap, general purpose seaming, patching and sealing, protective mask for chemical stripping of metal and other surfaces
ALF201L-UL*	2.0		4.0	0.101	60	16.4	25	109	6.0	Acrylic	Y	UL181AP-listed; HVAC duct wrap, general purpose seaming, patching and sealing of rigid fiber air duct and conductor closure systems, protective mask during chemical stripping of metals and other surfaces
ALF300/ ALF300L*	3.0		4.7	0.12	55	15	29	127	7.5	Acrylic	Y	SAE-AMS-T-23397B, Type II. Mask for chemical paint stripping of aircraft, underlay for PMB blast tape, electroplating, HVAC
ALF301/ AFL301(L)*	3.0		4.6	1.117	65	17.8	30	131	9	Natural Rubber	Y	SAE-AMS-T-23397B, Type I and II Air Force TO Manual 1-1-8. USAF certified for military use. Mask for chemical paint stripping of commercial and military aircraft, underlay for PMB blast tape, temporary field repairs
Specialty Products												
Style	Total Thickness		Tensile		Adhesion to Steel 90°		Backing	Elongation	Adhesive Type	UL-723	Applications	
	mil	mm	lbs/in	N/25mm	oz/in	N/25mm		%		Y/N		
FSK1*	7.2	0.183	43	188	>100	>27.4	Foil-Scrim-Kraft	2	Acrylic	Y	HVAC applications, seaming and sealing FSK duct board and insulation	
Style	Total Thickness		Tensile		Peel Strength	Backing	Adhesive Type	UL-723	Applications			
	mil	mm	psi							Y/N		
ALF MASTIC*	17	0.43	955		>10 lbs/linear inch	Aluminum	Modified Butyl Rubber	Y	Ideal for replacement and HVAC applications. For use on sheet metal, duct board, flex duct, PVC coated duct, and duct wrap vapor barriers			
Style	Tensile	Puncture Resistance	Resistance to Curl	Water Vapor Transfer	Blocking Resistance	Contact Corrosivity	Oil/Chemical Resistance	Applications				
	lbs/in	min	%									
FBL100	50 (min)	15	5	0.02 (max)	No blocking, delam, or rupture	No corrosion, etching or pitting	No leakage, swelling, delam or embrittlement	Surface protection of sensitive areas of aircraft and parts during chemical (paint) stripping				

* Denotes that product includes a liner.

APPLICATION TEMPERATURE RANGES



The data listed are nominal values based on PSTC, ASTM and other standard tests. The data should not be considered as specifications.

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