

3M™ Acrylic Foam and Acrylic *Plus* Tape for Weatherstrip and Sealing Applications

Selection Chart - Application Guidelines

General Description

3M supplies several different tapes with heat-activated adhesive for providing immediate, consistent, and durable bonds to rubber. These tapes are specifically designed for sealing applications. This selection chart is intended as an initial guide for obtaining the appropriate 3M™ Acrylic Foam and Acrylic *Plus* Tapes for weatherstrip and sealing applications.

Using this Chart

While this chart gives an overview of some characteristics of the different tapes, the specific tape to be chosen will depend on the characteristics of the intended application including the paint system used on the vehicle or the surface that will receive the seal. Since applications vary with materials, stress, procedures, environmental exposures, etc., it is important to determine through testing the most suitable 3M Acrylic Foam or Acrylic *Plus* Tape for the specific application. This chart does not take into account every variable for each application.

Please consult with your 3M Automotive Division representative for further help and information.

Tape	Thickness	Core Color	Adhesives HAA/PSA*	Liner	Heat-Activated Adhesive bonds to...						
	Inches (mm)				Neoprene	PVC	Alcryn® Melt Processible Rubber	EPDM	Santoprene® TPV	Kraton® Polymers	TPV/ TPE
3412	0.047 (1.2)	Gray	E2/DS6	Red with 3M logo				X	X	X	X
4981	0.008 (0.2)	Clear	E2/A10	PE				X	X	X	X
5403	0.032 (0.8)	Gray	E2/AR7	Orange PE				X	X	X	X
5404	0.047 (1.2)	Gray	E2/AR7	Orange PE				X	X	X	X
5933	0.045 (1.2)	Gray	N1/AR7	Red PE	X	X	X				
5935	0.016 (0.4)	Gray	E2/AR7	Orange PE				X	X	X	X
ST1200	0.047 (1.2)	Black	E2/VR2	Red PE				X	X	X	X
WT4112	0.047 (1.2)	Black	E2/JL2	Red PE				X		X	

HAA – Heat-Activated Adhesive (bonds to extrusion)

PSA – Pressure sensitive Adhesive (bonds to paint)

Note: Highly plasticized formulations should be tested for compatibility with tapes.

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Santoprene® is a registered trademark of Exxon Mobil Corporation.

Contact Information

The information provided in this technical document is intended as a guide for these products. For more information or help in selecting a 3M product for an application, please contact your 3M technical service representative or call 1-800-328-1684.

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