

ID Your Laminating Substrate	Adhesive Name	Tack	Peel	Shear	Soft/Firm	Best for	Temperature
	FBR899 Rubber	++++	+++	++	Soft	Corrugated Polyester Urethane PORON Sponge Rubber, EPDM Closed Cell Foams, XLPE LSE Materials Best General Purpose	+50°F Application 160°F Max
	XT593 Rubber	++++	++++	++++	Firm	Sponge Rubber Closed Cell Foams, XLPE EPDM UMHW Films Metals Films, Foils	+50°F Application 180°F Max
	HTA410 Acrylic	+++++	++++	+	Softest	Foam Bonding & Open Celled PU Foams Textiles Texture Surfaces Insulation Can be tough to handle	+50°F Application 300°F Max
	LSE427 Acrylic	++++	++++	++	Soft	Low Surface Energy Plastics Textured Surfaces Plasticizer Resistance	+50°F Application 350°F Max
	HSA440 Acrylic	+++	+++	+++	Firm	Medium to high surface energy materials Nameplates & Overlays Excellent GP - easy to handle	+50°F Application 325°F Max
	HBA724 Acrylic	+++	+++	++++	Firmest	Metals Hard Plastics Poron Mounting heavy items	+50°F Application 350°F Max

			Acrylic Adhesives							Rubber Adhesives			
Category		Description	HTA-410	LSE-427	HSA-440	MP-481	LV-820	HBA724	LV-840	MP-555	XT-593	Arctic MX10	FBR-899
Adhesion	High Surface Energy	>100 dynes: SS, Al, Glass, Ceramics	+++	+++	++	++	+++	+++	++	+++	++++	+++	+++
	Medium Surface Energy	38-70 dynes; Acrylic, PVC, ABS, PET	+++	+++	++	++	+++	+++	++	+++	++++	+++	+++
	Low Surface Energy	18-37 dynes: HDPE, LDPE, PP, EVA	+	++	-	+	+	++	-	+++	++++	+++	++++
	Textiles	Shoddy, Felts, Wovens, Nonwovens	++++	++	+	+	++++	++	+	+	++	++++	++++
	Rough Surfaces	Embossed, Pitted, Open cells, Concrete	++++	++	-	+	++++	++	-	+	++	++++	++++
	Holding Power/Shear Strength	Flow and creep resistance, Hold Loads	+	++	++	+++	+	+++	++	++++	+++	+	++
Temperature Resistance	Low	Temperatures up to 180° F sustained	+++	+++	++++	++++	+++	+++	+++	++	+	-	-
	Medium	Temperatures up to 240° F sustained	+++	+++	++++	++++	+++	+++	+++	+	-	-	-
	High	Temperatures up to 325° F sustained	+++	+++	++++	++++	+++	++++	+++	-	-	-	-
Chemical Resistance	Polar Solvents	MEK, Alcohols, Acetone, ETAC	++	++	+++	++++	+++	+++	++++	++++	++++	++	+++
	Non Polar Solvents	Toluene, Heptane, Hexane, Gasoline	+++	++	++++	++++	+++	++++	++++	-	-	-	-
	Aqueous Solutions	Detergents, Cleaners, Soaps	+++	++	+++	++++	+++	+++	++++	++++	++++	+++	+++
	Low Molecular Weight	Plasticizers, Hydraulic fluids, Brake fluid	++	++	+++	++++	++	++++	+++	-	-	-	-
Environmental Resistance	Moisture	Humidity, Submersion, Spray	+++	+++	++++	++++	+++	++++	++++	++++	++++	+++	++++
	UV Exposure	Direct sunlight	++++	+++	++++	+++	++++	+++	++++	+	-	-	-