



Material Spec Sheet

SILICONE BUMPER - LB CLEAR

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Material: High performance Shore A 50 durometer solid silicone rubber with a 3 mil acrylic adhesive.

Description: Clear silicone rubber offers long service life and is chemically inert, fungus resistant and ozone/UV resistant. Adhesive package is solvent resistant.

Applications: Include kiss cut gaskets and non-yellowing muntin bumpers.

Technical Specifications				
Silicone Rubber				
Physical Property	U/M	Test Method	Value	Notes
Durometer	Shore A	ASTM D-2240	50	
Tensile Strength	Psi	ASTM D-412	1200	
Tear Strength	Ppi	ASTM D-624 Die B	160	
Elongation	%	ASTM D-412	600	
Compression Set	%	ASTM 395, B	30	70 hrs, @ 302° F
Dielectric Strength (approx)	Volts/mil		500	
Thermal Conductivity	BTU, in./hr.ft. ² °F		1.3	
Temperature Range	°F	-100 - +500		Without adhesive
Acrylic Adhesive Package				
Thickness	IN.		.003	
Adhesion to Steel	Oz/in width	ASTM D-1000	30	
Operating Temperature	°F	-20 - +352		With Adhesive

Storage: Material should be stored at 70°F, 50% relative humidity.

Application: Surfaces should be clean and dry before applying. Avoid touching adhesive surface before application.