

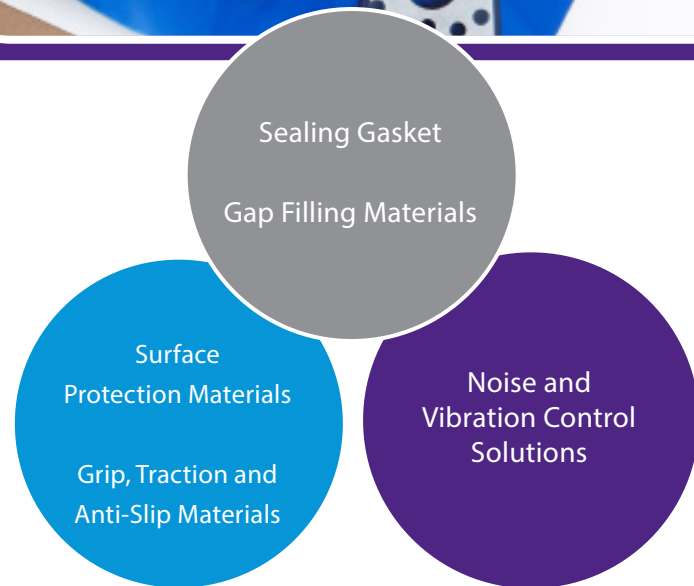
# Bonding & Mounting

## Performance Adhesives

Our FLEXmount® acrylic adhesives and FLEXcon™ SA Series of silicone adhesives offer solutions for a variety of application challenges such as adhesion to difficult surfaces and exposure to high temperatures, vibration, water, dirt and chemicals.

## Performance Benefits

- FLEXmount® acrylic adhesives adhere to a variety of surfaces such as metals, plastics, polyurethane and polystyrene foam, rubber and felt/non-woven materials
- FLEXcon® SA Series of silicone adhesives feature tacky and non-tacky solutions for demanding applications including temperature extremes and vibration dampening
- Transfer tape products form aggressive bonds and provide solutions for fastening, bonding and attaching components
- Available as self-wound and double-liner transfer tapes and single and double coated constructions
- Double-coated constructions can be manufactured with a wide variety of permanent/permanent and permanent/removable adhesive combinations to fulfill converting and end-use requirements
- Single-coated film and adhesive constructions offer protection and barrier characteristics
- FLEXcon carries a broad range of UL and cUL recognized adhesives
- Adhesives are offered with a variety of release liners and in different roll widths, starting at 1", to comply with different converting, assembly and end-use requirements



For more information on FLEXcon's laminating and fabricating solutions, contact your local Sales Representative or the Performance Products Business Team today at (508) 885-8440.

## Acrylic Adhesive Selection Guide

Adhesive	Classification	Features & Benefits	Peel (SS)	Shear	Tack
L-344	General Purpose	Excellent adhesion to metal and high surface energy plastics	Med-High	Medium	Very High
L-606	General Purpose / Performance	Excellent adhesion to a wide variety of metal and plastic surfaces, including polypropylene & polyethylene Exceptional performance on textured and uneven surfaces	High	Medium	Very High
L-778	High Performance	Permanent adhesion to a variety of surfaces including low surface energy plastics, painted metal, powder coated paint, polycarbonate, thermoplastic polyolefins, and fiberglass Surfaces only need to be cleaned with an IPA/water wash, eliminating the need for flame treatment or pre-application primers	Very High	Medium	Very High
L-326	High Performance	Designed to bond to a variety of substrates in high-performance assembly applications across a range of industries. This product has a high level of resistance to ooze, improving converting performance by allowing for increased line speed and waste reduction in the diecutting process.	High	Medium	Very High

### PRODUCT PERFORMANCE AND SUITABILITY

All of the descriptive information, the typical performance data, and recommendations for use of the FLEXcon products shall be used only as a guide and do not reflect the specification or specification range for any particular property of the product. Furnishing such information is merely an attempt to assist you after you have indicated your contemplated use and shall in no event constitute a warranty of any kind by FLEXcon. All purchasers of FLEXcon products shall be responsible for independently determining the suitability of the material for the purpose for which it is purchased. No distributor, salesman, or representative of FLEXcon is authorized to give any warranty, guaranty, or make any representation in addition or contrary to the above.  
Last modified on: 10/09/2019

# Silicone Adhesive Selection Guide

Product	Attributes	Ideal Temperature Ranges	Screen & Surface Protection	High Temp Pre-masking	Industrial Assembly	Transit Manufacturing	Durable Goods	Vibration Dampening	Sterilization Gauges	Gasketing and Sealing	Peel (SS)	Shear	Tack
SA1000	Adhesive has clean removability. Superior adhesion to smooth surfaces, constant and quiet removal.	Up to 400°F (150°C)	•	•							Very Low	High	Very Low
SA3000	Bonds well to silicone materials including foam, sponge, and rubber and industrial substrates including stainless steel, aluminum and other industrial surfaces.	Within -40°F to 302°F			•	•	•			•	Medium	Low	Very High
SA6000	Very high tack, high performance silicone adhesive. Has excellent adhesion to metals and low surface energy plastics and silicone, foam and rubber.	Within -30°F to 500°F Short-term exposure temperature range up to 800°F (less than 1 hour)			•	•	•	•	•	•	Med-High	High	Very High
SA90000	Low tack, high performance silicone adhesive engineered to withstand difficult environments and stresses. Has excellent vibration damping qualities with superior adhesion to metals.	Within -30°F to 500°F Short-term exposure temperature range up to 1000°F (less than 1 hour)			•	•	•	•	•	•	Med-High	High	Low

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## Transfer Adhesive Selection Guide

FLX ID	Product Description	Adhesive			Thickness			Liner				QS
		L-344	L-606	L-778	1 mil	2 mil	4 mil	55 LA K	60 LA PFW	84 LA PFT	SPEC 80B PFM 90 PFW	
571	FLEXmount® TT 100 L-344 55 LA K	•			•			•				
22701	FLEXmount® TT 100 L-344 60 LA PFW	•			•				•			•
487	FLEXmount® TT 200 L-344 60 LA PFW	•				•			•			•
57440	FLEXmount® TT 400 L-344 SPEC 80B PFM 90 PFW	•					•				•	
488	FLEXmount® TT 200 L-606 60 LA PFW		•			•			•			•
562	FLEXmount® TT 200 L-606 84 LA PFT		•			•				•		•
563	FLEXmount® TT 200 L-606 SPEC 80B PFM 90 PFW		•			•					•	•
491	FLEXmount® TT 400 L-606 60 LA PFW		•				•		•			
564	FLEXmount® TT 400 L-606 84 LA PFT		•				•			•		•
565	FLEXmount® TT 400 L-606 SPEC 80B PFM 90 PFW		•				•				•	•
53589	FLEXmount® TT 200 L-778 60 LA PFW			•		•			•			

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## Double-Coated Adhesive Selection Guide

FLX ID	Product Description	Adh Side A			Adh Side B		QS
		Permanent	Film		Permanent	Removable	
		0.5 mil clear PET	1 mil clear PET	3.5 mil White			
547	FLEXmount® SELECT™ DF021621	•	•			•	•
546	FLEXmount® SELECT™ DF051521	•	•		•		•
525	FLEXmount® SELECT™ DF132311	•		•	•		•
27096	FLEXmount® SELECT™ DF462211	•		•		•	•
57817	FLEXmount® SELECT™ DF492211	•		•		•	•
539	FLEXmount® SELECT™ DF053421	•		•		•	•

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