

Substrate and Pressure-Sensitive Adhesive Compatibility Chart

Below are the FLEXcon adhesives most commonly used with the listed substrates. We offer these adhesives as transfer tapes, single and double-coated products. Each is available in a variety of adhesive thicknesses, with multiple liner selections to meet your specific converting and end-use requirements.

Substrate	Adhesive					
	Acrylic			Rubber		Silicone
Acetate	V-23	V-344	V-606			
Acrylic	V-344	V-606	V-23			
Acrylonitrile Butadiene Styrene	A-326	V-606				
Aluminum	V-344	V-606	V-23			
Bilrite Rubber	A-326	V-378	V-778			
Bisco [®] Silicone Foam						FLEXcon [®] SA6000
Brass	V-344	V-606	V-23			
Butyrate	A-326			V-98	V-88	
Canvas	V-344	V-606	V-326	V-88		
Cardboard	V-344	V-606	V-23	V-98		
Cellophane [™]	V-156			V-98		
Cellulose Acetate	V-23	V-344	V-606			
Cellulose Butyrate	V-23	V-344	V-606			
Ceramic	V-23	V-344	V-606			
Chromate Finish	V-23	V-156	V-344			
Clark Products XLPE	V-344	V-606	V-778			
Concrete	V-156	V-344				
Copper	V-344	V-606	A-326			
Cork	A-326	V-23				
Cycolac [™] (ABS)	V-326	V-606				
Enamel	V-344	V-326	V-606			
EPDM	V-344	V-326	V-778			
EPDM 60 Duro		V-778	V-124			FLEXcon [®] SA6000
Epoxy	V-23	V-156				
EPS Foam	A-326	V-367				
EVA Foam 16 Black	A-326					
FABRENE [®]	V-606					
Felt	V-176			V-88		
Fiberglas [®] , Reinforced Epoxy	V-23	V-156				
Fluoropolymer (Teflon [®] , Kel-F [®])			V-778	V-98	V-88	

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	Acrylic			Rubber		Silicone
Fluorosilicone FR-4 (circuit boards)	V-417					
Gaska Tape PFC Foam A600	A-326	V-29	V-344			
Gatorboard	V-606					
Glass (permanent/removable)	V-344	V-29				
Gold	V-606	V-344				
HDPE (high density polyethylene)	A-326	V-344	V-606			
Hysol [®] MG-15F	V-23	V-156				
Hysol [®] MG-25F	V-23	V-156				
Hysol [®] MG-36F	V-23	V-156				
HYTREL [®] (polyester)	V-344	V-606				
Indure [®] X220	V-778					
Indure [®] X225	V-778					
Indure [®] E1500	V-778					
IntePro Polypropylene Boards (all grades)	V-344	V-606	V-326	V-98		
Ja-Bar Silicone Rubber						FLEXcon [®] SA6000
Kel-F [®] (fluorocarbon)				V-98	V-88	
Kraft (paper)	V-344	V-606				
Kraton [®] (rubber)	A-326					
K-resin [®] (styrene butadiene)	A-326	V-344	V-606			
Kynar [®] (polyvinylidene fluoride)	V-23	V-156				
Lacquer	V-29	V-344				
Leather	V-29	V-344				
Lexan [®] (polycarbonate)	V-29					
Light Bulbs	V-344	V-29				
Lomod BO200 or BO800 (thermoplastic copolymer elastomer)						FLEXcon [®] SA6000
Low Density Polyethylene (LDPE)	V-344					
Lucite [®] (acrylic)	V-344	V-606	V-23			
LUSTRAN [®] (ABS)	A-326	V-606				
Melamine	V-23	V-344				
Melinex [®] (polyester film)	V-344	V-606				
Merlon (polycarbonate)	V-29					

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	Acrylic			Rubber	Silicone	
Metal	V-344	V-606	A-326			
Moleskine®	V-29	V-23	V-344			
Mylar® (polyester film)	V-344	V-606	A-326			
Mylar®, Acrylic Coated	V-344	V-606	A-326			
Neoprene™ (rubber)	V-326	V-378				
Nickel	V-344	V-606	A-326			
Nitrile Rubber	A-326					
Nitrile Vinyl - NBR/PVC	V-326	V-124	V-778	V-98		
Nitto HC-10 Type 2	V-326					
Nitto HC-70	V-326					
Nitto MP-150SG	V-326					
Nitto MP-180	V-326					
Nolaphil® Foam	V-326					
Nomex®	V-23	V-344	V-606			
Noryl® (polyphenylene oxide)	V-156			V-98		
Nylon	V-344			V-98		
Nylon (coated)	V-344			V-98		
Nylon (uncoated)	V-23	V-344	V-156			
Oriented Treated Polypropylene Film	V-344	V-156		V-98		
Oriented Untreated Polypropylene Film				V-88		
Paint	V-23	V-344	V-606			
Paper	V-344	V-606				
Patent Leather	V-29	V-344				
PBT (polybutylene terephthalate)	V-778	A-326	V-367			
PC Boards (fiberglass/epoxy)	V-23	V-156				
Pebax® (thermoplastic elastomer)	V-29	V-344				
PEEK film (polyetheretherketone)						FLEXcon® SA6000
PET (polyethylene terephthalate)	V-344	V-606				
PET Foam	A-326	V-367				
Phenolic	V-23	V-156				
Pigskin	V-29	V-344				
Plaskon 2270	V-23	V-156				
Plaskon 2460	V-23	V-156				

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	Acrylic			Rubber	Silicone	
Plaskon 3300SH	V-23	V-156				
Plaskon 3400	V-23	V-156				
Plaskon 7049	V-23	V-156				
Plaskon 7060	V-23	V-156				
Plaskon 7090	V-23	V-156				
Plaskon 7115	V-23	V-156				
Plaskon 7325N	V-23	V-156				
Plaskon 923A	V-23	V-156				
Plaskon 924A	V-23	V-156				
Plaskon B-8	V-23	V-156				
Plaskon S-7	V-23	V-156				
Plexiglas [®] (acrylic)	V-344	V-606	V-23			
Polyamide-imide	V-417					FLEXcon [®] SA6000
Polybutylene Terephthalate (Valox [®])	A-326					
Polycarbonate	V-29					
Polyester (rigid or hard)	V-344	V-606				
Polyester Fabric (coated or uncoated)	V-344	V-606				
Polyester Film (treated or untreated)	V-344	V-606				
Polyester Ribbon (satin/decorative)	V-344	V-606				
Polyester, Glass Filled	V-344	V-606	A-326			
Polyetherimide, Glass Filled (Ultem [®])	V-417	V-402				FLEXcon [®] SA6000
Polyethylene	V-344	V-606				
Polyethylene Film	V-344	V-606				
Polyethylene High Density	V-344	V-606				
Polyethylene Low Density	V-344	V-606				
Polyethylene Terephthalate	V-344	V-606				
Polyethylene Ultra High Molecular Weight (UHMW)	V-344	V-606				
Polyimide (Kapton [®])	V-417	V-402				FLEXcon [®] SA6000
Polyolefin (polyethylene/polypropylene)	V-344	V-606		V-98		
Polyphenylene Oxide (Noryl [®])	V-156			V-98		
Polyphenylene Sulfide (Ryton [®])	V-344	V-156	V-606	V-98		
Polypropylene - Rigid	V-344	V-156	V-606	V-98		

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	Acrylic			Rubber		Silicone
Polypropylene Film	V-344	V-156	V-606	V-98		
Polystyrene	V-344	V-156	V-606	V-98		
Polyurethane	V-124					
Polyvinyl Acetate	V-344			V-98		
Polyvinyl Chloride	V-23	V-29	V-344			
Polyvinylidene Chloride (Saran [®])	V-23	V-29	V-344			
Polyvinylidene Fluoride (Kynar [®])	V-23	V-29	V-344			
Porcelain	V-606					
Poron [®] - LSE Plastics	A-326					
Poron [®] - Metals/HSE Plastics	A-326					
Poron [®] - Powder Coatings	V-478					
Poron [®] - TPO Materials	V-778					
PPS (polyphenylene sulfide)	V-344	V-156	V-606	V-98		
Propionate	V-606					
PVC (polyvinyl chloride)	V-23	V-29	V-344			
PVC Plasticized	V-29					
PVC Shrink Tubing	V-23	V-29	V-344			
PVC/NBR Blend	V-344	A-326	V-778			
PVDC (polyvinylidene chloride)	V-23	V-29	V-344			
Quartz	V-23	V-344				
Rayon Fabric Blends	V-23	V-156				
Rebond (reground rubber)	A-326					
Rogers Liquid Silicone Film						FLEXcon [®] SA6000
Rubber	V-326					
Rubberlite, Inc. EPDM	V-344	V-378	V-778			
Ryton [®]	V-344	V-156	V-606	V-98		
Saint Gobain - Urethane Foam Z520-U	A-326					
Saran [™]	V-23	V-29	V-344			
Satin Acetate/Polyester Blend	V-23	V-344	V-606			
Sequel [®] E3000	V-778					
Sequel [®] E5000	v-778					
Sequel [®] E5800	V-778					
Shoe Materials	V-23	V-156				

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	Acrylic			Rubber		Silicone
Shrink Tubing (PVC)	V-23	V-29	V-344			
SILASTIC® Q7-4750 Silicone						FLEXcon® SA6000
Silicon Wafer	V-302XLP					
Silicone Rubber						FLEXcon® SA6000
Solder	V-23	V-344				
Spun Bonded Polypropylene (Tyvar®)	V-23	V-344				
Stainless Steel	V-344	V-606	V-417			
Steel	V-344	V-606	V-417			
Styrene	V-344	V-606	V-417			
Suede	V-23	V-29				
Surlyn®	V-344	V-606	V-29			
Syringes (polypropylene)	H-566					
Teflon®				V-98	V-88	
Tenite® (polyethylene)	V-344	V-606				
Thermoplastic copolyester elastomer						FLEXcon® SA6000
Thermoplastic Olefin (TPO)	V-778					
Thermoplastic Rubber	A-326					
Tin	V-344	V-606	A-326			
Titanium	V-344	V-606	A-326			
Toray® Foam	A-326	V-378				
Trespaphan Film (polypropylene)	V-344	V-606				
Tricot	V-344	V-29				
Tygon® (PVC)	V-29					
Tyvar® (spun bonded polypropylene)	V-23	V-344				
Tyvek®	V-344	V-606		V-98		
Ultem®	V-417	V-402				
Urethane	V-124					
Urethane Foam 2 lb. Density	A-326	V-344				
Valox® (polybutylene terephthalate)	A-326					
Varnish	V-23	V-29				
Vinyl (plasticized)	V-29					
Vinyl Nitrate	V-344	V-606	A-326			
Vinyl Nitrile	V-606	A-326				

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	Acrylic			Rubber		Silicone
Vinyl Nitrile 55 Durometer White	V-378					FLEXcon® SA6000
Vinyl with Acrylic Topcoat	V-29					
Zinc Chromate	V-344	V-606				
Zytel (nylon)	V-23	V-344	V-156			

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