

Technibond Surface Energy Chart

Substrates	Surface Energy (Dynes/cm)	Approximate bonding capability of adhesive
Copper	1103	HIGH SURFACE ENERGY Pure acrylic Modified acrylic Rubber
Aluminum	840	
Zinc	753	
Tin	526	
Lead	458	
Stainless Steel	700-1100	
Glass	250-500	
Kapton® (Polymide)	50	
Phenolic	47	
Nylon	46	
Alkyd Enamel	45	
Polyester	43	
Epoxy Paint	43	
Polyurethane Paint	43	
ABS	42	
Polycarbonate	42	
PVC (Polyvinyl Chloride)	39	LOW SURFACE ENERGY
Noryl®	38	
Acrylic	38	
Polane® Paint	38	
PVA	37	
Polystyrene	36	
Acetal	36	
EVA	33	
Polyethylene	31	
Polypropylene	29	
Tedlar®	28	
Silicones	22-24	
Teflon®	18	

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