Adhesive Platform Selection Based on Surface

These charts are based on relative adhesion within each given surface energy category. 1-10 scale is low to high.

Metals	Surface Energy Dynes/cm
Copper	1103
Aluminum	840
Zinc	753
Tin	526
Stainless Steel	700-1100

Adhesive	1	2	3	45	6	7	8	9	10
100MP									
200MP									
220									
300LSE									
300MP									
350									

HSE Plastics	Surface Energy Dynes/cm
Phenolic	47
Nylon	46
Alkyd Enamel	45
Polyester	43
Epoxy Paint	43
Polyurethane	43
ABS	42
Polycarbonate	42
PVC Rigid	39
Acrylic	38

Adhesive	1	2	3	4	5	6	7	8	9	10
100MP										
200MP										
220										
300LSE										
300MP										
350										

LSE Plastics	Surface Energy Dynes/cm
PVA	37
Polystyrene	36
Acetal	36
EVA	33
Polyethylene	31
Polypropylene	29
Polyvinyl Fluoride Film	28
PTFE Fluoropolymer	18
Powder Coatings	Broad range

Adhesive	1	2	3	4	5	6	7	8	9	10
100MP										
200MP										
220										
300LSE										
300MP										
350										