

Technibond Surface Energy Chart

| Substrates | Surface Energy (Dynes/cm) | Approximate bonding capability of adhesive |
|--------------------------|---------------------------|--|
| Copper | 1103 | |
| Aluminum | 840 | |
| Zinc | 753 | |
| Tin | 526 | |
| Lead | 458 | |
| Stainless Steel | 700-1100 | |
| Glass | 250-500 | |
| Kapton® (Polyimide) | 50 | |
| Phenolic | 47 | |
| Nylon | 46 | |
| Alkyd Enamel | 45 | |
| Polyester | 43 | |
| Epoxy Paint | 43 | |
| Polyurethane Paint | 43 | |
| ABS | 42 | |
| Polycarbonate | 42 | |
| PVC (Polyvinyl Chloride) | 39 | |
| 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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