

Chemistry Types and Key Properties

	Viscosity (Thickness)	Void Filling	Heat Resistance	Cold Resistance	Flexibility	Chemical Resistance	Humidity Resistance	Work Time	Cure Time	Metal Bonding (steel, aluminum)	Plastic Bonding (abs, styrene)	Polyolefin Bonding	Wood	Paper Cardboard
Acrylic	M	G	G	G	G	G	G	FT-M	M-FT	G	VG	F	NS	NS
Anaerobic	L	P-F	G	G	G	G	G	M	M	F	P	NS	NS	NS
Cyanoacrylate	L	P-F	F	F	P-F	G	F	FT	FT	G	VG	G	NS	NS
Epoxy	M-T	VG	G	F	F	G	G	M-S	S	G	F	P	G	NS
Hot Melt	T	VG	P-F	F	F-G	F	G	FT	FT	F	F	P	VG	VG
Polyurethane	M	G	F	G	G	G	F	M-S	M	G	VG	G	NS	NS
Polysulfide	T	VG	G	G	G	VG	G	M	M	G	F	NS	NS	NS
Silicone	T	VG	VG	VG	VG	VG	VG	S-M	M	F	F	F	NS	NS
Solvent Base	L-M	F	G	G	G	G	G	S-M	M	G	F	F	G	G
Water Base	L-M	P	F	F	P	P	P	M	M	P	P	P	VG	VG
UV	L-M	L-M	F	G	G	F	G	S	FT	G	G	F	F	F

Key:

F = Fair FT = Fast G = Good L = Low M = Medium P = Poor S = Slow T = Thick VG = Very Good NS = Not Suggested