



Polyurethane Sealants and Adhesive Products Property Chart

PROPERTIES	PUR 2	PUR 25	PUR 25 TX	PUR 35 SL	PUR 40 FC	PUR 50 FC	PUR 60 FC	PUR 80
Hardness, Shore A	30 +/-5	30 +/-5	30 +/-5	35 +/-5	40 +/-5	50 +/-5	55 +/-5	85 +/-5
Tensile Strength, psi (MPa)	125 (0.86)	225 (1.6)	150+ (1.03)	300 (2.07)	250 (1.7)	315 (2.17)	385 (2.66)	1800 (12.41)
Elongation at break, %	300	700	500	825	650	600	350	N/A
100% Modulus, psi (MPa)	50 (0.35)	90 (0.62)	125 (0.86)	100 (0.69)	110 (0.76)	175 (1.21)	240 (1.66)	N/A
Peel Strength, pli Substrates: Aluminum (A), Concrete (C), Glass (G)	200 A, C, G	30 A, C, G	25 A, C, G	35 A, C, G	30 A, C, G	35 A, C, G	35 A, C, G	N/A
Movement Capability, %	+/-25	+/-25	+/-25	+/-25	+/-25	+/-12.5	N/A	N/A
Tack-Free Time	48 hrs.	4 hrs.	4 hrs.	6 hrs.	2.5 hrs.	1.5 hrs.	1.5 hrs.	1 hr.
Cure Rate @ 75°F, 50% RH	1/4 inch/ 6 hrs.	1/8 inch/ 24 hrs.	1/8 inch/ 24 hrs.	1/16 inch/ 24 hrs.	1/8 inch / 24 hrs.	3/16 inch/ 24 hrs.	3/16 inch/ 24 hrs.	3/16 inch/ 6 hrs.
Volatile Organic Content, (% by wt.)	>1	3.72	3.59	3.90	3.86	4.73	4.97	0
Applications	Sealant	Sealant	Sealant	Sealant	Sealant/ Adhesive	Adhesive	Adhesive	Adhesive