

Hardness	Polyether / MDI		Polyester / MDI		Caprolactone	Erakote / Polyether	
Shore	EMD Full Prepolymer	EMD135 Quasi	EME Full Prepolymer	EME167 Quasi	EMC Full Prepolymer	EKF 2K Full Prepolymer	EKQ 3K Quasi
40A				EME167/40A			
45A							
50A							
55A				EME167/55A			
60A		EMD135/60A		EME167/60A			EKQ601A
65A / 20D		EMD135/65A		EME167/65A			EKQ65A
70A		EMD135/70A		EME167/70A	EMC700A		EKQ70A
75A	EMD75A	EMD135/75A		EME167/75A			EKQ75A
80A / 30D		EMD135/80A	EME80A	EME167/80A		EKF80A	EKQ80A
85A	EMD86A / EMD85A	EMD135/85A	EME85A	EME167/85A	EMC850A	EKF85A	EKQ85A
90A / 40D	EMD901A / EMD90A	EMD135/90A	EME90A	EME167/90A	EMC90A	EKF90A	EKQ90A
93A	EMD93A						
95A	EMD950A / EMD96A	EMD135/95A	EME95A	EME167/95A	EMC95A	EKF95A	EKQ95AF
100A / 50D	EMD52D						
57D	EMD57D						
60D							EKQ60D
65D							EKQ65D
70D							EKQ70D
80D							

Polyether	Polyester	Caprolactones
<ul style="list-style-type: none"> • Excellent hydrolytic stability • Fungus resistance • Excellent mechanical properties • Low temperature flexibility • Excellent sliding abrasion resistance 	<ul style="list-style-type: none"> • Oil/solvent resistance • High impact abrasion resistance • Excellent mechanical properties • Temperature resistance • Excellent vibratory dampening 	<ul style="list-style-type: none"> • High tear strength • High tensile strength • Oil & Solvent resistance • High impact abrasion resistance • Low heat build up
Due to the inherent advantages in low heat build up, polyether-based urethanes are recommended for applications undergoing high stress.	They are not recommended for use in high humidity or exposure to water, as volume swell and reduction of properties may result.	They exhibit excellent mechanical and solvent resistance properties with the added advantage of superior wear and tear.

Hardness	Cold Castables			Polyether							Polyester				Capa
Shore	CC	CCM	RT	E	EHP	XLE	ETX	ET	EMP	ETL	RN	XLS	SDR	HTE	ECP
30A		MM30A	RT301A												
45A		MM45A	RT45A												
50A	CC50A		RT50A											SDR50A	ECP50A
55A		CCM55A												SDR55A	
60A	CC5/65A	MM60A													L-ECP / ECP61A
65A / 20D															
70A					EHP70A										ECP72A
75A		CCM75A		E77A											
80A / 30D	CC80A	CCM80A						ET80A							HTE80A
83A				L-E83A / E83A				ET83A	EMP83A						ECP83A
85A		MM85A			EHP85A										
90A / 40D	CC90A	CCM90A		L-E90A / E90A	L-EHP90A / EHP90A	XLE90A		ET90A	EMP89A						
91A															
93A				L-E93A / E93A	EHP93A	XLE93A									ECP93A
95A	CC95A	CCM95A		L-E95A / E95A	EHP95A	XLE95A / XLE951A		ET95A	EMP95A	L-ETL / ETL94A				XLS95A	HTE95A ECP95A
97A / 50D															
57D															ECP57D
60D	CC60D			L-E60D	EHP60D			ET60D							
65D				L-E65D			ETX65D	ET65D							
70D					EHP70D	XLE70D	ETX70D	ET70D							
75D						XLE75D	L-ETX75D / ETX764D	ET75D							
80D							L-ETX801D / ETX80D								
85D							ETX85D								

Cold Castable	Polyether	Polyester	Capa - Caprolactones
<ul style="list-style-type: none"> • Cast at ambient temperature • High elongation and flexibility • Low shrinkage • Higher Performance (CC) • Longer Pot Life (CC) 	<ul style="list-style-type: none"> • Excellent hydrolytic stability • Fungus resistance • Excellent mechanical properties • Low temperature flexibility • Excellent sliding abrasion resistance 	<ul style="list-style-type: none"> • Oil/Solvent resistance • High impact abrasion resistance • Excellent mechanical properties • Temperature resistance • Excellent vibratory dampening 	<ul style="list-style-type: none"> • High tear strength • High tensile strength • Oil/Solvent resistance • High impact abrasion resistance • Low heat build up
NOT recommended for abrasive resistance applications	Due to the inherent advantages in low heat build up, RECOMMENDED for applications undergoing high stress.	NOT recommended for use in high humidity or exposure to water, as volume swell & reduction of properties may result.	Exhibit excellent mechanical & solvent resistance properties with the added advantage of superior wear & tear.