



Hardness		Polyether / MDI		Polyester / MDI		Caprolactone / MDI	Erakote / Polyether			Erakote / Polyester
Shore A	Shore D	EMD Full Prepolymer	EMD135 QUASI	EME Full Prepolymer	EME165 QUASI	EMC Full Prepolymer	EKF 2 Component Full Prepolymer Ether	EKQ 2 Component Quasi Ether	EKQ 3 Component Quasi Ether	EKEQ 3 Component Quasi Ether
25A										
30A										
35A										
40A					EME165/40A					
45A										
50A										
55A					EME165/55A					
60A			EMD135/60A		EME165/60A			EKQ60A	EKQ-60A	EKEQ-60A
65A	20D		EMD135/65A		EME165/65A			EKQ65A	EKQ-65A	
70A			EMD135/70A		EME165/70A			EKQ70A	EKQ-70A	EKEQ-70A
75A		EMD75A	EMD135/75A		EME165/75A			EKQ75A	EKQ-75A	
80A	30D		EMD135/80A	EME80A	EME165/80A		EKF80A	EKQ80A	EKQ-80A	EKEQ-80A
85A		EMD85A	EMD135/85A	EME85A	EME165/85A	EMC85A	EKF85A	EKQ85A	EKQ-85A	
90A	40D	EMD90A	EMD135/90A	EME90A	EME165/90A	EMC90A	EKF90A	EKQ90A	EKQ-90A	EKEQ-90A
93A		EMD93A								
95A		EMD96A	EMD135/95A	EME95A	EME165/95A	EMC95A	EKF95A	EKQ95A	EKQ-95A	EKEQ-95A
100A	50D	EMD52D								
	57D									
	60D							EKQ60D		
	65D							EKQ65D		
	70D							EKQ70D		
	75D									
	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 • 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 / TDI			Polyether / TDI					
Shore A	Shore D	CC	CCM	RT	E	EHP	ETX	ET	EMP	ETL
25A										
30A										
35A			CCM35A							
40A			CCM40A							
45A				RT45A						
50A		CC50A		RT50A						
55A			CCM55A							
60A		CC5/65A		RT60A						
65A	20D									ETL65A
70A				RT70A						
75A			CCM75A		E77A					ETL75A
80A	30D	CC80A	CCM80A	RT80A						
82A										
83A					L-E83A, E83A			ET83A	EMP83A	
85A						EHP85A				L-ETL85A, ETL85A
90A	40D	CC90A	CCM90A	RT90A	L-E90A, E90A	L-EHP90A, EHP90A		ET90A	EMP89A	
91A										L-ETL91A, ETL91A
93A					L-E93A, E93A	EHP93A			EMP92A	
95A		CC95A	CCM95A		L-E95A, E95A	EHP95A		ET95A	EMP95A	L-ETL94A, ETL94A
100A	50D									ETL100A
	57D									
	60D	CC60D			L-E60D	EHP60D		ET60D		
	65D				L-E65D		ETX65D	ET65D		
	70D					EHP70D	ETX70D	ET70D		ETL69D
	75D						L-ETX75D, ETX764D	ET75D		ETL75D
	80D						L-ETX80D, ETX80D			
	85D						ETX85D			

Cold Castables

- Cast at ambient temperature
- High elongation and flexibility
- Low shrinkage
- High Performance (CC)
- Longer Pot Life (CC)

They are not recommended for abrasive resistance applications

Polyether

- Excellent hydrolytic stability
- Fungus resistance
- Excellent mechanical properties
- Low temperature flexibility
- Excellent sliding abrasion resistance

Due to the inherent advantages in low heat build up, polyether-based urethanes are recommended for applications undergoing high stress.



Hardness		Polyester / TDI			Caprolactone / TDI	1K Series
Shore A	Shore D	RN	SDR	HTE	ECP	1K
25A						1K20A
30A			SDR32A			1K30A
35A						
40A						1K40A
45A						
50A			SDR50A			1K50A
55A			SDR55A			1K55A
60A					L-ECP61A, ECP61A	1K60A
65A	20D					
70A		L-RN71A, RN70A			ECP72A	1K70A
75A						
80A	30D			HTE80A		1K80A
83A		RN83A, RN3038			ECP83A	
85A		L-RN85A, RN85A				
90A	40D	RN90A, RN3039		HTE90A		
91A		L-RN91A				1K91A
93A					ECP93A	
95A		RN95A		HTE95A	ECP95A	
100A	50D	L-RN50A, RN3050, RN50D				
	57D				ECP57D	
	60D					
	65D					
	70D					
	75D					
	80D					
	85D					

Polyester	Caprolactones	1K Series
<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 • Solvent resistance • High impact abrasion resistance • Low heat build up 	<ul style="list-style-type: none"> • Single Component Blocked System • Solvent resistance • Self Degassing
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.	Used for solvent rolls. No mixing is required.