



**High Performance Urethane
For
“Can’t Fail” Applications**

POLYURETHANE ST-1183-85

POLYMER: Polyether Aromatic Polyurethane

DESCRIPTION: ST-1183-85 is an 85 shore A polyether polyurethane formulated for medium/high slip with good sealability and excellent humid aging resistance.

GENERAL PROPERTIES

	ASTM	Units	Values
Durometer:	D2240		85A
Specific Gravity:	D792		1.14
Thermal Properties:			
Maximum Service Temperature			
-continuous		°F °C	-65 to 140 -54 to 60
-melting point range		°F °C	350 to 390 177 to 199
Tensile Properties:	D638		
Strength @ 100% elongation		psi	1000
Strength @ 300% elongation		psi	2500
Strength @ break		psi	6000
Elongation @ break		%	400
Set @ break		%	20
Tear Properties:			
Die C	D624	pli	450

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