



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

SS-1016-95 POLYESTER POLYURETHANE

POLYMER: Polyester Aromatic Polyurethane

DESCRIPTION: SS-1016-95 is a 95 Shore A Polyester Polyurethane with low coefficient of friction and high tear properties. This polyester polyurethane exhibits both excellent toughness and excellent chemical resistance to solvents and oils. This film also exhibits good heat sealing characteristics and can be readily thermoformed. Grades are available with varying melt flows. Avoid conditions where films are exposed to acids or high humidity.

GENERAL PROPERTIES

	Specifications	Units	Values
Durometer:	D2240		95
Specific Gravity:	D792		1.21
Thermal Properties:			
Maximum Service Temperatures,			
-continuous		F C	-40 to +200 -40 to + 93
-melting point range		F C	329 to 357 165 to 181
Tensile Properties:	D638		
Modulus @ 100% strain		Psi	1700
Modulus @ 300% strain		Psi	5000
Modulus @ break		Psi	7000
Modulus of elasticity up to 10% strain		Psi	50
Elongation @ break		%	350
Set @ break		%	25
Tear Properties:			
Die C	D624	Pli	500