



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

STEVENS POLYURETHANE SS-1495-95

POLYMER: Polyester Aromatic Polyurethane

DESCRIPTION: SS-1495-95 is a 95 shore A polyester polyurethane blown film with high slip surface and good clarity. SS-1495-95 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. This film is a FDA candidate for applications requiring 21CFR177, 1680 and 21CFR177, 2600. Avoid conditions where films are exposed to acids or high humidity.

GENERAL PROPERTIES

	Specifications	Units	Values
Durometer:	D2240		95A
Specific Gravity:	D792		1.21
Thermal Properties:			
Maximum Service Temperatures,			
-continuous		F C	-20 to 225 -29 to 107
-melting point range		F C	325 to 365 163 to 185
Tensile Properties:	D638		
Modulus @ 100% strain		psi	1500
Modulus @ 300% strain		psi	5000
Modulus @ break		psi	9000
Modulus of elasticity up to 10% strain		psi	N/A
Elongation @ break		%	375
Set @ break		%	25
Tear Properties:			
Die C	D624	pli	550