

Stevens Urethane SecurSeal ST-3199-ES

POLYMER: Polyether Aliphatic Polyurethane

DESCRIPTION: Stevens Urethane SecurSeal ST-3199-ES is a multi-layer polyurethane tape designed as a protective covering when laminated to the edge of transparent security laminates. Stevens Urethane SecurSeal ST-3199-ES is adaptable to all conventional glass laminating processes.

GENERAL PROPERTIES				
	Specifications	Units	Values Clear	Values Black
Durometer:	D2240		75A	87A
Specific Gravity:	D792		1.07	1.12
Thermal Properties:				
Maximum Service Temperatures,				
-continuous		°F °C	-65° to 160° -54° to 71°	-60° to 200° -51° to 193°
-melting point range		°F °C	248° to 284° 120° to 140°	340° to 380° 171° to 193°
Tensile Properties:	D638			
Modulus @ 100% strain		psi	500	1000
Modulus @ 300% strain		psi	1500	2000
Modulus @ break		psi	5000	7000
Modulus of elasticity up to 10% strain		psi	N/A	N/A
Elongation @ break		%	375	450
Set @ break		%	5	35
Tear Properties:				
Die C	D624	pli	300	400