

Argotec™ ST-2592

General Description

Polymer: Aromatic Polyether Urethane

Typical application: Bladder, Packaging

Extrusion method: Flat Die

Key attributes:

- Material meets FDA food contact (21 CFR 177.1680 & 177.2600)
- NSF 61 listed
- Good hydrolytic stability
- Multiple surfaces are available

Property / Capability		Test Method	Typical Value
Gauge Ranges		N/A	1.0 - 125 mils (0.127 - 3.175 mm)
Width Ranges		N/A	Up to 78 Inches (1.98 meters)
Length Ranges		N/A	Up to 500 non-spliced yards (457.2 meters)
Hardness		ASTM D-2240	92A
Specific gravity		ASTM D-792	1.14
Tensile stress	@100% elongation	ASTM D-638	1300 psi (8.97 MPa)
	@300% elongation		2600 psi (17.93 MPa)
Ultimate tensile strength			7500 psi (51.72 MPa)
Elongation at break			375%
Tear strength		ASTM D-624 ¹	500 pli (88 kN/m)
Melting point range ²		N/A	345 - 385°F (174 -196°C)

1 Die C.

2 Fisher-Johns Hot Plate