

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-6241 | 500 pli (88 kN/m) |
| Melting point range² | | N/A | 345 - 385°F (174 -196°C) |

1 Die C.

2 Fisher-Johns Hot Plate



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