

General Description and Use

| Argotec SKU Number | TX1540Ne | |
|-------------------------------|---|--------------------------------------|
| Typical application | Performance apparel & footwear | |
| Polymer | Thermoplastic polyurethane, aromatic polyether | |
| Extrusion method | Cast-on-polyethylene carrier | |
| Gauge | ≥ 0.2 - 6.0 mils (5 - 152 microns) | |
| Width | Up to 68 inches (1.73 meters) | |
| Length | Up to 1000 non-spliced yards (914.4 meters) | |
| Key attributes | <ul style="list-style-type: none"> ■ Waterproof-breathable ■ Very high MVTR ■ Ionic silver additive technology for odor control ■ Gloss, smooth or matte surface ■ Soft, quiet, excellent stretch & recovery for comfort ■ No processing additives to effect adhesion to other substrates | |
| Typical Properties | Test Method | Value |
| Specific gravity | D-792 | 1.20 |
| Durometer | ASTM D-2240 | 80A |
| Tensile strength | ASTM D-412 | 4000 - 5000 psi (27.6 - 34.5 MPa) |
| Elongation | | 600 - 700% |
| Modulus (100%) | | 550 - 650 psi 3.8 - 4.5 MPa |
| Tensile set @ 200% elongation | | <40% |
| Moisture vapor transmission | E-96, procedure B upright, 73°F (23°C) at 50% RH | — |
| 0.5 mil (12 microns) | | 675 g/m ² /24 hr |
| 0.6 mil (15 microns) | | 600 g/m ² /24 hr |
| 1.0 mil (25 microns) | | |

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