

General Description and Use		
Argotec SKU Number	ArgoThane D7101	
Typical application	Thermoform, die cut and seal	
Polymer	Engineering-grade thermoplastic polyurethane (ETPU) Aromatic polyether	
Extrusion method	Flat die	
Gauge	10 - 75 mils (250 - 1875 microns)	
Width	Up to 60 inches (1.52 meters)	
Length	Up to 1000 non-spliced yards (914.4 meters)	
Key attributes	<ul style="list-style-type: none"> ■ Rigid, thermoformable ■ High impact resistance ■ Low moisture absorption ■ Dimensionally stable ■ Clear surface ■ Abrasion resistance ■ No plasticizers to migrate & cause embrittlement ■ Resistance to hydrocarbons, chemicals, ozone ■ Resistance to skin oils ■ RF, ultrasonic and heat weldable ■ High draw-down ratio. 	
Typical Properties	Test Method	Value
Durometer	ASTM D-2240	Shore 72D
Specific gravity	ASTM D-792	1.20
Tensile strength	ASTM D-638	10,000 psi 69 MPa
Elongation at break	ASTM D-412	160%
Flexural modulus	ASTM D-790	330,000 psi 2,300 MPa
Izod impact strength* 73°F (23°C) -40°F (-40°C)	ASTM D-256	1.6 ft-lb/in (85 J/m) 1.1 ft-lb/in (59 J/m)
Molding temperature	—	145-185°F 63-85°C

* Notched, 1/8-inch (3.2 mm).

Product information revised: July 1, 2014

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