

# PureTherm® 1001C

WHITE OPAQUE

## GENERAL DATA

Clarity	opaque
Gels per 1.0 sq. Meter, 0.4mm <sup>2</sup>	7 max
Carbon particles, 0.8 mm <sup>2</sup> (per 1.0 sq. Meter) 1.5 mm <sup>2</sup>	5 max 0
Gauge uniformity	± 10%
Specific gravity	1.35
Splicing frequency	max. 3 splices per roll
Slitting width tolerance	± 1.5 mm

## MECHANICAL PROPERTIES

Tensile strength	7000 psi	ASTM D882
Elongation	100%	ASTM D882
Elastic modulus	300,000 psi	ASTM D882
Cold impact	Good	

## THERMAL PROPERTIES

Heat seal range	150°C - 190°C	
Heat distortion temperature	75°C	ASTM D1637-61
Dimensional stability	± 4%	ASTM D2732
Flammability	self extinguishing	
Thermoforming range	120°C - 175°C	

## CHEMICAL PROPERTIES

Resistance to grease fats and oils	excellent	ASTM D722.45
Resistance to acids	excellent	ASTM D534
Resistance to alkalides	excellent	ASTM D534
Vinyl chloride monomer concentration	< 1 ppm	

## BARRIER PROPERTIES

Moisture Vapor Transmission Rate @ 10 mil. (gms/100 in <sup>2</sup> @ 37.8°C, 90% RH per 24 hr.)	0.20	ASTM F372
Oxygen Transmission rate @ 10 mil. (cc/100 in <sup>2</sup> @ 23°C, 100% RH per 24 hr.)	1.2	

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