

DENSO POLY-WRAP

High Performance Outerwrap and Compression Film

Description

Denso Poly-Wrap is a 150 gauge (1.5 mil) wrap made from high performance metallocene resins.

Uses

Use as a compression film for Denso Glass Outerwrap. It is also used as an protective layer over Denso Petrolatum Tape Systems.

Features

- Superior holding force
- Excellent prestretch with no film breaks
- Excellent puncture resistant
- Aggressive cling to self
- Uses maximum performance metallocene resins
- Excellent conformability

Application

The Poly-Wrap shall be spirally wrapped using sufficient to wrap over the Glass Outerwrap and Denso Petrolatum Tape System .



Denso Poly-Wrap

PROPERTY SPECIFICATIONS

PROPERTIES	ENGLISH	METRIC
Yield	14,990 sq. in/lb	21.32sq. m/kg
Ultimate Tensile MD (ASTM D 882-90)	4,950 psi	34,129 KPa
Ultimate Tensile TD (Method A)	4,425psi	30,509 KPa
Elongation at Break MD (ASTM D 882-90)	300%	300%
Elongation at Break TD (Method A)	375%	375%
Graves Tear MD (ASTM D 1004)	140 g/mil	140 g/mil
Graves Tear TD	140 g/mil	140 g/mil
Elmendorf Tear MD (ASTM D 1004)	80 g/mil	80 g/mil
Elmendorf Tear TD	180 g/mil	180 g/mil
Impact Strength		
Drop height by @77°F	>70 inches	>1,778 mm
Falling ball @ 0°F	>70 inches	>1,778 mm
1" dia./66g @ -20°F	>70 inches	>1,778 mm
Haze Gardner (ASTM D 1003)	0.3%	0.3%
MVTR (WVTR) (ASTM F 1249 100°F, 100% RH)	8.5 g/100 sq. in/24hr	8.5 g/64,516 sq. mm/24hr
Thickness	1.5 mils	76 microns
Roll Widths	4", 6", and 12"	100 mm, 150 mm and 300 mm
Roll Length	500 ft.	62.5 m

Quantity Estimates

Tape Width	Rolls*/ Case	Coverage with 50% Overlap
in.	ea.	ea.
4" (100 mm)	6	550 ft ² /case (51 m ² /case)
6" (150 mm)	4	550 ft ² /case (51 m ² /case)
12" (300 mm)	2	550 ft ² /case (51 m ² /case)

*All rolls are 500 feet (125 m) in length.



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