

DENSO POLY-WRAP HD

High Performance Outerwrap and Compression Film

Description

Denso Poly-Wrap HD is a 300 gauge (3.0 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 HD shall be spirally wrapped using sufficient to wrap over the Glass Outerwrap and Denso Petrolatum Tape System.



Denso Poly-Wrap HD

PROPERTY SPECIFICATIONS

PROPERTIES	ENGLISH	METRIC
Yield	7,495 sq. in/lb	10.66 sq. m/kg
Ultimate Tensile MD (ASTM D 882-90)	4,300 psi	29,647 KPa
Ultimate Tensile TD (Method A)	3,850 psi	26,545 KPa
Elongation at Break MD (ASTM D 882-90)	350%	350%
Elongation at Break TD (Method A)	375%	375%
Graves Tear MD (ASTM D 882-90)	210 g/mil	210 g/mil
Graves Tear TD (Method A)	195 g/mil	195 g/mil
Elmendorf Tear MD (ASTM D 882-90)	155 g/mil	155 g/mil
Elmendorf Tear TD (Method A)	215 g/mil	215 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)	0.6%	0.6%
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	3.0 mils	76 microns
Roll Widths	4", 6" and 12"	100 mm, 150 mm and 300 mm
Roll Lengths	250 ft.	62.5 m

Quantity Estimates

Tape Width	Rolls*/ Case	Coverage with 50% Overlap
in.	ea.	ea.
4" (100 mm)	6	275 ft ² /case (25.5 m ² /case)
6" (150 mm)	4	275 ft ² /case (25.5 m ² /case)
12" (300 mm)	2	275 ft ² /case (25.5 m ² /case)

*All rolls 250 feet (62.5 m) in length



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