

MDT



- IDEAL FOR FLAT AND REGULARLY SHAPED PRODUCTS
- UNMATCHED OPTICS
- STRONG HOT OR COLD SEALS
- EASY MACHINABILITY ON HIGH SPEED FORM FILL SEAL EQUIPMENT
- UP TO 6 COLOUR PRINTING
- FOOD LAW APPROVED
- SINGLE WOUND ONLY
- 15 OR 19 MICRON THICKNESS
- 3 INCH (76 mm) CORE

Unit		Typical values				Test method
FILM DATA						
Thickness	micron	15		19		ASTM D-374(C)
Density	g/cm ³	0.912				
Yield	m ² /kg	73.0		57.8		
Length	m	2667		2134		
<i>Roll lengths for printed films will be 50 m shorter than plain film lengths</i>						
Width	mm	As Required				
Core diameter	mm	76				
FILM PROPERTIES						
Tensile strength	kg/cm ²	LD	TD	LD	TD	ASTM D-882
Modulus	kg/cm ²	1100	1100	1100	1100	
Elongation	%	95	95	95	95	
Tear propagation resist. (min.)	g	4.5		7.6		ASTM 1938(B)
Puncture resistance	g	2000		2400		COV-E236-2
Kinetic coeff. of friction	(film/film)			0.35		ASTM D-1894(B)
	(film/metal)			0.18		
SEALING						
Trim seal strength	g/25 mm	2500		3000		COV-E234
SHRINK						
Free shrink	% @ 120°C	40	50	40	50	COV-E209
Shrink tension	kg/cm ²	28	30	28	30	COV-E302
BARRIER						
MVTR	g/m ² , 24h (38°C, 100% RH)	19		16		ASTM F1249-90
O ₂ permeability	cm ³ /m ² , 24h, bar (23°C, 0% RH)	7500		5900		ASTM D-3985
CO ₂ permeability	cm ³ /m ² , 24h, bar (23°C, 0% RH)	32000		21000		COV-E68
OPTICAL (after shrink)						
Haze	%	1.8		2.0		ASTM D-1003A
Gloss	gloss units (i = 60°)	135				ASTM D-2457
STORAGE CONDITIONS						
Recommended maximum temperature for long-term storage: max. 32°C, max. 80% R.H. , up to one year						
FOOD LAW APPROVAL						
Compliance with food contact legislation: MDT films are approved for food contact in most European countries and USA						
QUALITY						
All Cryovac manufacturing operations in Europe have received or are applying for ISO 9002 Quality Certification or its local equivalent						

* LD = Longitudinal Direction **TD = Transverse Direction

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Shrink Packaging.

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