

MRX



- **EXTREMELY TOUGH POLYOLEFIN FILM**
- **SUPERIOR SHRINK, OPTICS AND ANTIFOG PROPERTIES FOR MAXIMUM POINT-OF-SALE APPEAL IN SECOND SKIN OR TRAY OVERWRAP APPLICATIONS**
- **EASY MACHINEABILITY ON HOT BAR/TRIM SEAL HFFS AND L-SEALERS**
- **CLEAN, NON CORROSIVE 100% POLYOLEFIN FORMULATION**
- **SINGLE WOUND OR CENTREFOLDED**

	Unit	Typical values		Test method
FILM DATA		MRX 2150	MRX 2155	COV-E-201
Thickness	micron	14	18	
Density	g/cm³	0.924		
Yield	m²/kg	77.3	60.1	
Length:				
Single wound	m	2700	2100	
Centrefolded	m	1350	1050	
Width:				
Single wound	mm	As required		
Centrefolded	mm	As required		
Core diameter	mm	76		
FILM PROPERTIES		LD/TD*		
Tensile strength	kg/cm²	1100/1100		COV-E-211
Modulus	kg/cm²	4000/4000		COV-E-211
Elongation	%	120/110		COV-E-211
Tear propagation resist. (min.)	g	5.0	6.6	COV-E-239
Puncture resistance	g	2600	3000	COV-E236-2
Kinetic coeff. of friction	(film/film)	0.3	0.3	ASTM D-1894(B)
	(film/metal)	0.15	0.15	
SEALING				
Trim seal strength	g/25 mm	2500	3000	COV-E234
SHRINK				
Free shrink	% at 120°C	60	65	COV-E209
Shrink tension	kg/cm²	20	33	COV-E302
ARRIER				
1VTR	g/m², 24h (38°C, 100% RH)	25	22	COV-E-344
½ permeability	cm³/m², 24h, bar (23°C, 0% RH)	10000	8300	COV-E-342
·O₂ permeability	cm³/m², 24h, bar (23°C, 0% RH)	41000	34500	COV-E68
OPTICAL (after shrink)				
Haze	%	2.3	2.6	COV-E-340
Gloss	gloss units (i = 60°)	138	135	COV-E-341
STORAGE CONDITIONS		Recommended maximum temperature for long-term storage: 32°C, max. 80% R.H. , up to one year		
QUALITY		All Cryovac manufacturing operations in Europe have received ISO 9002 Quality Certification or its local equivalent		

*LD = Longitudinal Direction TD = Transverse Direction

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