

Product Description:

Mylar® RL52 is a biaxially oriented polyester film with an EVA based heat-sealable coating on one surface and plain polyester on the other.

It is typically used as a heat sealable lidding film for fresh refrigerated foods such as salads, produce and sandwiches.

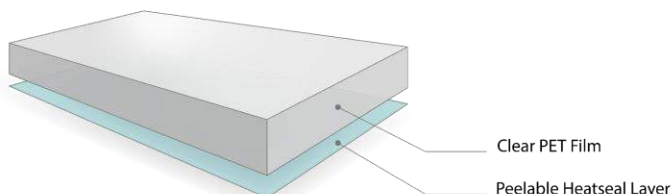
Mylar® RL52 provides a peelable seal when heat-sealed to APET, CPET, PVC, polyethylene and polystyrene.

Seals to polypropylene are only achieved at higher temperatures, so other RL films are recommended.

Mylar® RL52 can withstand temperatures as low as -40°C and although the upper melt temperature is 260°C, it is not suitable for all cooking/re-heating applications.

Key Features:

- Peelable seals when sealed to a wide range of substrates
- Excellent aroma and flavour barrier
- Seals withstand the presence of acids and grease from products
- Available corona treated on the plain surface for improved printability* (type RL52T)



Storage

Recommended storage conditions: 10°C – 25°C; 20% - 50% RH
Shelf Life: 12 months from delivery date (under recommended storage conditions)

TYPICAL VALUES		MD = Machine Direction, TD = Transverse Direction				
Property	Test method	Unit	Direction	Typical values		
Film name	-	-		14RL52	25RL52	40RL52
Film thickness	-	micron		19	31	43
Film yield	-	m ² /Kg		41	25	17
Unit weight	-	g/m ²		25	40	58
Density	ASTM D1505	g/cc		1.4		
Oxygen permeability	Oxtran 23°C, 60/70% RH	cm ³ /m ² /day/atm		140	75	45
Water vapour transmission rate	Lyssy 38°C, 90% RH	g/m ² /day/atm		43	20	14
Tensile strength at break (minimum)	ASTM D882-83	Kgf/mm ²	MD	17.5		
			TD	23		
Elongation at break	ASTM D882-83	%	MD	110		
			TD	80		
Upper melt temperature	ASTM E794-85	°C		255 to 260		
Heat-seal strength seal to PS	140°C / 40psi / 1 sec	g/25mm		700		
Shrinkage	5 mins @ 190°C	%	MD	4		
			TD	1		

Mylar® RL52 and RL52T comply with European regulation EU10/2011 and its amendment 1282/2011 relating to materials and articles intended to come into contact with food



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