

## PRODUCT DESCRIPTION

Mylar® RL52 is a biaxially oriented polyester (PET) film with an EVA heat seal layer. It is designed to give a peelable seal to a wide range of materials including polypropylene, polystyrene, polyethylene and itself. It also seals to polar materials, such as APET, CPET, PVC and PVdC.

## TYPICAL APPLICATIONS

Mylar® RL52 can be used on its own as a single web or as part of a laminate in a wide range of lidding applications, providing reliable sealing and peeling performance. It can be used for lidding a wide range of containers and is particularly useful when a smooth peel is important, and in chilled or frozen applications.

## GENERAL INFORMATION

### Added Benefits from Related Films

Antifog – Mylar® RL52AF with antifog properties is available.

## FOOD CONTACT ADVICE

The Product has been assessed with respect to Food Contact Legislation.

PROPERTIES	UNIT	TYPICAL VALUES			TEST METHOD
General		14RL52	25RL52	40RL52	
Actual Thickness	Micron	19	31	43	..
Area Yield	m <sup>2</sup> /KG	41.5	25.3	17.5	..
Unit Weight	g/m <sup>2</sup>	24.1	39.6	57.2	..
Oxygen Permeability	cm <sup>3</sup> /m <sup>2</sup> /day/atm	140	75	45	Oxtran 23°C, 60/70% RH
Water Vapour Transmission Rate	g/m <sup>2</sup> /day	43	20	14	Lyssy 38°C, 90% RH
Mechanical					
Tensile strength at break	MPa	MD 170 TD 240	MD 170 TD 240	MD 170 TD 240	ASTM D882
Elongation at break	%	MD 110 TD 80	MD 110 TD 80	MD 110 TD 80	ASTM D882
Thermal					
Shrinkage	%	MD 4 TD1	MD 4 TD1	MD 4 TD1	190°C for 5 mins
Seal to PS/PP	g/25mm	700	700	700	160°C/40psi/1sec

Values in the above table are intended as a general guide for a wide range of applications.

## STANDARD PUT-UPS

Mylar® RL52 can be supplied as 1422mm master rolls on 152mm ID protruding cores, or as slit reels, up to 1375mm wide on 152mm ID flush or protruding cores. Master rolls are popular for Distributor customers. Chartable width is 1385mm.

## DISPOSAL ADVICE

Disposal of Mylar® RL52 does not present special disposal problems. In most circumstances, once Mylar® RL52 has been laminated, coated, printed or metallised, incineration with Energy Recovery is the most environmentally efficient recovery route. Mylar® RL52 can also be burned in an incinerator with normal refuse or can be buried as a relatively inert material in a landfill. The disposal method should comply with appropriate local and country regulations.