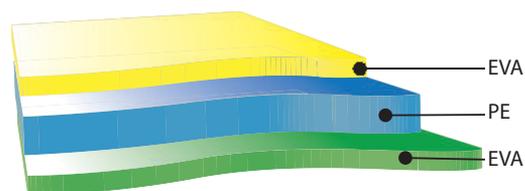


Diawrap® Super PHM

Stretch wrapping film

Diawrap® Super PHM is a polyolefin, multilayer co-extruded stretch wrapping film specifically designed for manual wrapping in order to pack all kind of foods, including fatty foods.

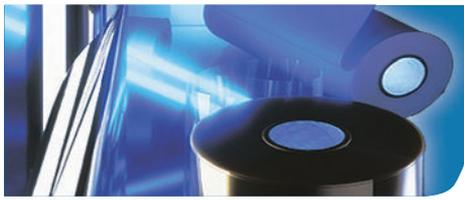
Layer structure of Diawrap® Super PHM



Typical properties

Property	Thickness μm	Units	Value		Test Method	Test Conditions
			MD	TD		
MECHANICAL						
Tensile strength	10.5	N/cm ²	4300	2700	Internal MCC Method	Test speed 200mm/min.; 23°C, 50% r.h.
Elongation at break	10.5	%	390	460	Internal MCC Method	Test speed 200mm/min.; 23°C, 50% r.h.
50% Tensile stress	10.5	N/cm ²	800	650	Internal MCC Method	Test speed 200mm/min.; 23°C
100% Tensile stress	10.5	N/cm ²	1100	800	Internal MCC Method	Test speed 200mm/min.; 23°C
Tear strength	10.5	N/mm	70	230	Internal MCC Method	Test speed 200mm/min.; 23°C, 50% r.h.
BARRIER						
Oxygen	10.5	cm ³ /m ² x d x bar	27000		DIN 53380-2	23°C, 0% r.h.
Water vapour	10.5	g/m ² x d	26.3		DIN 53122-2	23°C, 85% r.h.
Carbon dioxide	10.5	cm ³ /m ² x d x bar	128200		DIN 53380-2	23°C, 0% r.h.

* MD = Machine direction, TD = Transverse direction



Delivery program Diawrap® Super PHM

Thickness μm	Yield		Roll length m	Roll- diameter mm
	g/m^2	m^2/kg		
10.5	9.63	103.8	750	132

Core diameter: 76 mm (3"). Range of width: 300-500 mm

Notice: All the values listed in both "Typical properties" and "Delivery program Diawrap® Super PHM " should not be construed as specifications.

This data sheet reflects our state of knowledge at the time this was prepared. The purpose is to provide an overview of the characteristics of our products and their potential uses. It neither guarantees specific properties nor the suitability of products in specific applications. The user must observe industrial property rights, such as patents or trademarks. The quality of our products is covered by the terms of the General Conditions of Sale of MITSUBISHI POLYESTER FILM GmbH.