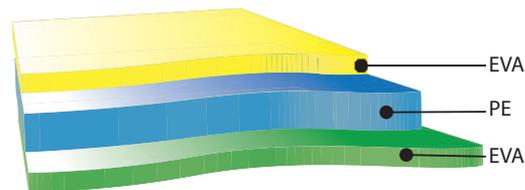


Diawrap® Super A45

Stretch wrapping film

Diawrap® Super A45 is a polyolefin, multilayer co-extruded stretch wrapping film specifically designed for automatic/manual wrapping in order to pack all kind of foods, including fatty foods.

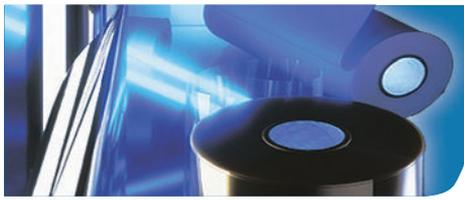
Layer structure of Diawrap® Super A45



Typical properties

Property	Thickness μm	Units	Value		Test Method	Test Conditions
			MD	TD		
MECHANICAL						
Tensile strength	12.5	N/cm ²	3300	3900	Internal MCC Method	Test speed 200mm/min.; 23°C, 50% r.h.
Elongation at break	12.5	%	450	630	Internal MCC Method	Test speed 200mm/min.; 23°C, 50% r.h.
50% Tensile stress	12.5	N/cm ²	970	770	Internal MCC Method	Test speed 200mm/min.; 23°C
100% Tensile stress	12.5	N/cm ²	1100	850	Internal MCC Method	Test speed 200mm/min.; 23°C
Tear strength	12.5	N/mm	88	98	Internal MCC Method	Test speed 200mm/min.; 23°C, 50% r.h.
BARRIER						
Oxygen	12.5	cm ³ /m ² x d x bar	18500		DIN 53380-2	23°C, 0% r.h.
Water vapour	12.5	g/m ² x d	13.4		DIN 53122-2	25°C, 85% r.h.
Carbon dioxide	12.5	cm ³ /m ² x d x bar	85500		DIN 53380-2	23°C, 0% r.h.

* MD = Machine direction, TD = Transverse direction



Delivery program Diawrap® Super A45

Thickness	Yield		Roll length	Roll-diameter
	μm	g/m^2		
12.5	11.4	87.7	1500	201.5

Core diameter: 112 mm (4.5").

Notice: All the values listed in both "Typical properties" and "Delivery program Diawrap® Super A45 " 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.