

Technical Data Sheet

Arcophane MTR XP

The Arcophanes MTR XP are two sides matt treated and thermostabilized BOPET films for screen printing and release onto textile applications. These products are designed to obtain good printing results with most of the screen printing inks. Transfers can be achieved up to Hot peeling level. Thanks to the different versions (S, M, L) it is possible to choose the right peeling strength that fit the customer requirement.

Technical Data					
Properties	Method	Unit	XPS 100µm	XPM 100µm	XPL 100µm
General					
Total thickness	Internal	µm	120 +/- 5		
Relative density (23°C) - PET	ASTM D.1505	g/cm³	1.395		
Melting point	-	°C	260		
Mechanical					
Tensile strenght at break	ASTM D.882	daN/mm²	18		
Elongation at break	ASTM D.882	%	140		
Thermal					
Shrinkage MD 150°C - 30min	ASTM D.1204	%	<0.3		
Shrinkage TD 150°C - 30min	ASTM D.1204	%	<0.2		
Specific					
Peeling strength	Internal	N/2.5cm	2	5	10
Peeling conditions	Internal		CP to HP	CP to HP	CP to WP

MD: Machine direction
TD: Transversal direction

CP : Cold Peeling
WP : Warm Peeling

HP : Hot Peeling
IP : Instant Peeling

The information is based on the numerous tests and trials we have carried out in our laboratories. Deviations from the results thus obtained can therefore be experienced depending on the actual conditions of use. In accordance with the industrial practice, they are issued with the above reservations.