EXPERT 16TL – 160g/m² Translucent film

Expert 16TL is a 160gsm 2-side aqueous lightly diffused coated polyester film, optimised for dry toner print applications.

Physical characteristics

Property	Typical Value	Unit	Test Method
Weight	160 +/- 5	gsm	Internal Method
Thickness	120 +/- 4	µ	Electronic Micrometer
Opacity	34 +/- 1	%	TAPPI T519
Gloss 60°	<4	%	BYK Gardner
Shrinkage	MD <0.4 TD <0.2	%	5 minutes @ 150° C (297mm length)
Tensile Strength	MD 18 TD 20	KgF/mm2	ASTM D882-83
Elongation at break	MD 180 TD 120	%	ASTM D882-83
Melting Point	250	° C	ASTM E794-85
Usage temperature	- 40 to 120	° C	Internal method

Availability	Sheets/Pack
A4	100
A3	100
SRA3	100
Recommended conditions	
For use	10° C – 30° C, 40% - 55% RH
For storage	10° C – 20° C, 20% - 55% RH
Shelf life	24 months after delivery (under recommended storage conditions)

Compatibility

Suitable for most thermal transfer and dry toner (laser/LED/flash fusion) print processes, both mono and colour small-volume, mid-volume & production machines. On such machines the user must establish for themselves the optimum settings and paper path, being aware of the thickness and weight of the material. The printable surface is also suitable for screen print, offset litho (using only fully oxidising inks).

Applications and characteristics:

It has a smooth matt lightly diffused surface giving a strong image with excellent print adhesion and can be printed on both sides where equipment allows.

- ✓ Water resistant, wipeable and punchable.
- ✓ Ideal for presentations. No protection necessary!
- ✓ Also highly suitable for applications, such as, Frosted Binder Covers and Menu or Wine List inserts. Even suitable for medical displays.

NOTICE The information provided herein is correct to the best of our knowledge. No liability for any errors, facts or opinions is accepted. You must satisfy yourself as to the suitability of this product for your application. No responsibility for any loss as a result of any person placing reliance on any material contained herein can be accepted.