TECHNICAL DATASHEET

inspire® 2375P
Filmic Release Liner / 30µm Matt Clear Polyurethane Film / Medium Tack PSA / Release Paper

Application:
- Adhesive coated film typically used where the final product requires moderate adhesion as well as exceptional breathability.

Construction:
- 30gsm breathable cast matt polyurethane film on a siliconised paper liner
- Pattern coated (75% coated area) with a medical grade medium tack acrylic pressure sensitive adhesive

Characteristics:
- Superior highly conformable drape and soft feel characteristics
- Consistent paper release characteristics for critical applications
- Waterproof, bacterial barrier
- Low coefficient of friction
- Good transparency
- Cytotoxicity is tested in accordance with ISO 10993 Section 5a

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TEST	TRANSCONTINENTAL ADVANCED COATINGS TEST METHOD REFERENCE	UNIT	TYPICAL RESULT
MVTR (Upright)	118	g/m²/24 hours	1300 - 1700
Adhesion to Steel	240	g/25mm	1600 – 1800
Ease of Release (PU/Liner)	79	g/25mm	16 – 21
Ease of Release (PSA/Si PET)	79	g/25mm	3 - 16

Polyurethane Film Properties:

TEST	TRANSCONTINENTAL ADVANCED COATINGS TEST METHOD REFERENCE	UNIT	TYPICAL RESULT
Film Deposit	57	g/m^2	30 – 32
MVTR (Inverted Cup)	118	g/m^2/24 hours	14400 – 14600
MVTR (Upright Cup)	118	g/m^2/24 hours	2500 – 2700
Tensile Strength	65	g/25mm	2700 – 3000
Elongation	65	%	460 – 490
Permanent Set	139	%	0
Load to produce 20% Elongation	139	g/25mm	190 – 250
Dynamic Coefficient of Friction Teflon Surface	191	No Units	0.2 – 0.3

The information provided by Transcontinental Advanced Coatings is for information only. Recommended storage conditions of 23°C ± 5°C, 50% ± 10% Relative Humidity. Consult Material Safety Data sheet before transport, storage or use. Although every effort has been made to supply reliable data, the values listed above are for guidance purposes only and do not constitute a specification. It is the responsibility of the customer to determine the suitability of Transcontinental Advanced Coatings' products in their manufacturing processes and in their end use applications. Transcontinental Advanced Coatings accepts no responsibility for performance requirements outside of those in agreed specifications. The material referenced in this data sheet is a component to be used in the construction of products that are for external use only. Nothing contained herein is intended as a recommendation to use our products to infringe any patent.

(This Product Information Sheet is not intended by Transcontinental Advanced Coatings for use as a Product Specification or Warranty for the Product)

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