

TECHNICAL DATASHEET SENTIENT FOAMS™

HYDROPHILIC FOAM

3mm Hydrophilic Foam/15µm Pink Polyurethane Film/Paper Release Liner

Product Code: S3015

Application:

- For use as a wound contact layer where high absorbency is required

Construction:

- 3.0mm aliphatic hydrophilic foam combined with a 15µm pink polyurethane film on a siliconized paper release liner

Characteristics:

- Highly Absorbent
- Excellent Fluid Retention
- Good Breathability
- Soft and Waterproof
- Conformable
- Low Coefficient of Friction
- High Tensile Strength
- Product does not yellow when sterilized

Properties:

3mm Hydrophilic Foam with a 15µm Pink Polyurethane Film

TEST	Transcontinental Advanced Coatings Test Method Ref	UNIT	TYPICAL RESULT
Thickness	103	mm	3.0 ±0.5
Foam Density	-	Kg/m ³	110 ±10
Absorption	BS EN 13726-1:2002	g/g	11 ±2
*Fluid Retention	BS EN 13726-1:2002	%	TBD
MVTR (Upright Cup)	118	g/m ² /24 hours	2450 ±10%
Tensile	65	g/25mm	1350 ±50
Elongation	65	%	450 ±20
Dynamic Coefficient of Friction Teflon surface Cotton surface	191	No Units No Units	0.35 ±0.05 0.85 ±0.05
Waterproof Rating	198	500mm Hydrostatic Head	Pass

*Based on 40mmHg pressure for 5 minutes

The information provided by Transcontinental Advanced Coatings is for information only. Recommended storage conditions of 23°C ± 5°C, 50% ± 10% Relative Humidity in sealed black packaging. 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.

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