

Technical Datasheet

Daltex® Repel is a soft, flexible, high abrasion resistant and low lint polypropylene nonwoven with enhanced hydrophobicity to avoid wound exudate strike through. It is also extremely breathable with a high moisture vapour transmission rate.

Daltex® Repel has been shown to meet the requirements of the L929 Agar Overlay Cytotoxicity test as detailed in ISO 10933-5 and USP 24 Biological reactive test in vitro (87)*. The active component in this fabric has prior approval for surgical gowns and drapes that may be placed on the patient during surgery or worn by the surgeon. Daltex® Repel has also been approved for other medical applications that are not related to surgery.

	Test Method		Daltex® Repel					
Fabric weight (g/m ²)	NWSP 130.1		30	40	50	60	70	80
Tensile Strength (N)	NWSP 110.4	MD	71	105	138	160	175	193
		CD	47	73	93	110	130	147
Elongation (%)	NWSP 110.4	MD	90	100	110	110	100	100
		CD	100	110	120	120	110	110
Moisture Vapour Transmission Rate (g/m ² /24hrs)	EN 13726-2		6690					
Tear Strength (N)	ASTM D1424-07a	MD	5.3	6.6	7	7.8	8.6	9.8
Thickness (mm)	NSWP 120.1		0.33	0.38	0.44	0.47	0.50	0.51
Handle-O-meter (g)	NWSP 090.3	MD	-	-	-	-	95	-
		CD	-	-	-	-	80	-
Liquid Strike Through	Shirley Method	Time Liquid Absorbed	-	-	-	-	>15 mins 12.9%	-

MD = machine direction, CD = cross/transverse direction

* Please note it is the responsibility of the article producer to determine that the article is suitable for its intended use.



All products are manufactured under BS EN ISO 9001.

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