

Don & Low | Medical

Advanced Wound Care Technical Datasheet

At Don & Low we produce a range of high performing nonwoven fabrics, which are used as 'masking' or 'fluid transition' layers in a variety of advanced wound care applications.

We also utilise a range of polymers and additives which can be specifically engineered to meet your performance criteria – whether to absorb, mask or repel wound exudate.

This range of specialist wound dressing materials provide dressings with exceptional comfort, flexibility, abrasion resistance, breathable and low lint characteristics. Additionally all of our advanced wound care fabrics are skin contact approved and are available in a range of weights and colours.

Product Features

	Daltex® Absorb	Daltex® PE	Daltex® Repel	Daltex® Smart Barrier	MeltTX® Stretch
Soft to handle		X			X
Instantaneous absorbtion	X				
Excellent hydrophobicity			X	X	
Bacterial barrier properties				X	
High moisture vapour transmission	X	X	X	X	X
Excellent abrasion resistance	X		X		X
Elasticity					X





TEST	METHOD		Daltex® Absorb	Daltex® PE	MeltTX® Stretch
Fabric weight* (g/m ²)	NWSP 130.1		25	60	55
Tensile Strength (N)	NWSP 110.4	MD CD	55 36	45 25	35 30
Elongation (%)	NWSP 110.4	MD CD	85 95	220 230	290 350
Tear Strength (N)	ASTM D1424-07a	MD	5.2	13	-
Air Permeability (l/m ² /s)	NWSP 070.1		-	-	550
Thickness (mm)	NWSP 120.1		0.32	0.35	0.30

TEST	METHOD		Daltex® Repel	Daltex® Smart Barrier
Fabric weight* (g/m ²)	NWSP 130.1		70	83
Tensile Strength (N)	NWSP 110.4	MD CD	175 130	50 33
Elongation (%)	NWSP 110.4	MD CD	100 110	- -
Moisture Vapour Transmission rate (g/m ² /24hrs)	EN 13726-2		6690	827
Tear Strength (N)	ASTM D1424-07a	MD	11	13
Thickness (mm)	NWSP 120.1		0.5	0.35
Handle-O-Metre (g)	NWSP 020.5	MD CD	95 80	50 23

MD = machine direction, CD = cross/transverse direction



All products are manufactured under BS EN ISO 9001.

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