

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 provides 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	Meltblown TPU Medical
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	Meltblown TPU Medical
Fabric weight* (g/m ²)	NWSP 130.1		25	60	55
Tensile Strength (N)	NWSP 110.4	MD	55	45	35
		CD	36	25	30
Elongation (%)	NWSP 110.4	MD	85	220	290
		CD	95	230	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	0.26

TEST	METHOD		Daltex® Repel	Daltex® Smart Barrier
Fabric weight* (g/m ²)	NWSP 130.1		25	60
Tensile Strength (N)	NWSP 110.4	MD	55	45
		CD	36	25
Elongation (%)	NWSP 110.4	MD	85	220
		CD	95	230
Moisture Vapour Transmission rate (g/m ² /24hrs)	EN 13726-2		6690	827
Tear Strength (N)	ASTM D1424-07a	MD	5.2	13
Air Permeability (l/m ² /s)	NWSP 070.1		-	-
Thickness (mm)	NWSP 120.1		0.32	0.35
Handle-O-Metre (g)	NWSP 020.5	MD	95	550
		CD	80	23

MD = machine direction, CD = cross/transverse direction

All products are manufactured under BS EN ISO 9001.

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Don & Low Ltd, Glamis Road, Forfar, Angus, DD8 1FR, Scotland, UK
Tel: +44(0)1307 452200 Fax: +44 (0)1307 452201 email: enquiries@donlow.co.uk
www.donlow.co.uk