

Don & Low | Medical Surgical & Disposable

Technical Datasheet

At Don & Low, we work closely with manufacturers to produce materials that can ensure the safe transport of medical instruments and the prevention of fluid or blood transfer.

Our fabrics can be customised to meet the most demanding applications and use materials or additives that can offer absorption or repellence. Other performance enhancements include an antimicrobial agent, which inhibits the growth of common forms of bacteria and fungi, and can control the spread of MRSA, Salmonella and E.Coli.

As well as offering good abrasion resistance and high levels of breathability, all of our surgical and disposable fabrics are skin contact approved. Additionally we can influence the drape and softness of the fabric depending on the intended application.

Product Features

	Daltex® Absorb	Daltex® PE	Daltex® PP	Daltex® Smart Barrier
Soft to handle		X		X
Instantaneous absorbtion	X			
Excellent Hydrophobicity				X
Bacterial Barrier Properties				X
Strong & durable	X		X	
Compatible with a range of additives		X	X	X



	Test Method		Daltex[®] Absorb	Daltex[®] PP
Fabric weight (g/m²)	NWSP 130.1		25	60
Tensile Strength (N)	NWSP 110.4	MD	55	160
		CD	36	110
Elongation (%)	NWSP 110.4	MD	85	110
		CD	95	120
Tear Strength (N)	ASTM D1424-07a		5.2	7.8
Thickness (mm)	NSWP 120.1		0.32	0.47

	Test Method		Daltex[®] Absorb	Daltex[®] PP
Fabric weight (g/m²)	NWSP 130.1		60	83
Tensile Strength (N)	NWSP 110.4	MD	45	50
		CD	25	33
Elongation (%)	NWSP 110.4	MD	220	-
		CD	230	-
Moisture Vapour Transmission Rate (g/m²/24hrs)	ASTM E96		-	827
Tear Strength (N)	ASTM D1424-07a		13	13
Thickness (mm)	NSWP 120.1		-	0.35

MD = machine direction, CD = cross/transverse direction



All products are manufactured under BS EN ISO 9001.

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