

Don & Low | Medical

Bedding Technical Datasheet

At Don & Low we have a high performance range of multifunctional nonwovens, which have been specifically designed for domestic and contract bedding applications.

Developed to include the key characteristics of comfort, protection, and resilience this range of Daltex® nonwovens can be used directly as substrates or impregnated with a variety of treatments.

The Aquashield® range is a family of machine washable PP laminates specifically designed for incontinence bedding and surface protection; whereas the Allershield® range is a family of breathable and machine washable, multi-layer, PP laminates specifically designed for allergy relief bedding.

With the ability to incorporate specialised additives including antimicrobial to help control infection, and colour and/or fragrance to help with identification all of our bedding fabrics can be specifically engineered to meet your performance criteria.

Product Features

	Aquashield® Range				Allershield® Range	
	Standard Aquashield®	Plus	Active	Soft (PE)	Standard Allershield®	Active
Strong & durable	X	X	X	X	X	X
High air permeability					X	X
Impenetrable to liquid & bodily fluids	X	X	X	X		
Antimicrobial			X			X
Fire retardant		X				X
High moisture vapour transmission				X	X	X



TEST	METHOD	Aquashield®	Aquashield® Plus	Aquashield® Active	Aquashield® Soft
Fabric Weight (g/m ²)	NWSP 130.1	53	53	53	95
Hydrostatic Head (cm)	EN 20811	> 250	> 250	> 250	> 100
Machine Wash	BS 5651	6 CLP @40°C	6 CLP @40°C	6 CLP @40°C	12 CLP @40°C
Flame Retardant	BS 7175	Source 0	Source 5	Source 0	Source 0
M.V.T.R (g/m ² /24hrs)	BS 3177	-	-	-	1500
Antibacterial Inhibition	JIS Z 2801	-	-	Resistant to bacteria (Staphylococcus aureus)	-
Antifungal Inhibition	JIS Z 2911-2000	-	-	Resistant to Fungi (Aspergils niger)	-

TEST	METHOD	Allershield®	Allershield® Active
Fabric Weight (g/m ²)	NWSP 130.1	53	53
Machine Wash	BS 5651	12 CLP @40°C	12 CLP @40°C
Flame Retardant	BS 7175	Source 1	Source 1
Air Permeability (300 l/m ² /sec)	NWSP 070.1	300	300
Antibacterial Inhibition	JIS Z 2801	-	Resistant to bacteria (Staphylococcus aureus)
Antifungal Inhibition	JIS Z 2911-2000	-	Resistant to Fungi (Aspergils niger)
NHS Wsh Procedure	BS 5651	No delamination after 20 washes Slight pilling visible after one wash, moderate pilling after three washes	



All products are manufactured under BS EN ISO 9001.

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