



## Bedding Technical Datasheet

At Don & Low we have a high performance range of multifunctional non-wovens, 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	Plus	Active	Soft (PE)	Standard	Active
Strong & durable	×	×	×	×	×	×
High air permeability					×	×
Impenetrable to liquid & bodily fluids	×	×	×	×		
Antimicrobial			×			×
Fire retardant		×				×
High moisture vapour transmission				×	×	×

# Don & Low | Medical Bedding



**Don & Low**  
MEMBER OF THRACE GROUP

TEST	METHOD	Aquashield®	Aquashield® Plus	Aquashield® Active	Aquashield® Soft
Fabric weight (g/m <sup>2</sup> )	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 <sup>2</sup> /24hrs)	BS 3177	-	-	-	1500
Antibacterial Inhibition	JIS Z 2801	-	-	Resistant to bacteria (Staphylococcus aureus)	-
Antibacterial Inhibition	JIS Z 2911 - 2000	-	-	Resistant to Fungi (Aspergils niger)	-

  

TEST	METHOD	Allershield®	Allershield® Active
Fabric weight (g/m <sup>2</sup> )	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 <sup>2</sup> /sec)	NWSP 070.1	300	300
Thickness (mm)	JIS Z 2801	-	Resistant to bacteria (Staphylococcus aureus)
Handle-O-Metre (g)	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.

Don & Low reserves the right to change specifications or other product information. Don & Low accepts no responsibility or liability for information provided by third parties. No warranties, express or implied, are offered regarding the suitability of any product for your use, as site conditions and customer requirements vary. Should you require further information, please contact us. Products are sold subject to the seller's terms and conditions of sale. No warranty or immunity is offered against infringement of patents or other intellectual property rights. ©Don & Low Limited, 2021. The intellectual property in the products is owned and protected by Don & Low or its licensors.

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](mailto:enquiries@donlow.co.uk)  
[www.donlow.co.uk](http://www.donlow.co.uk)