

Don & Low | Filtration

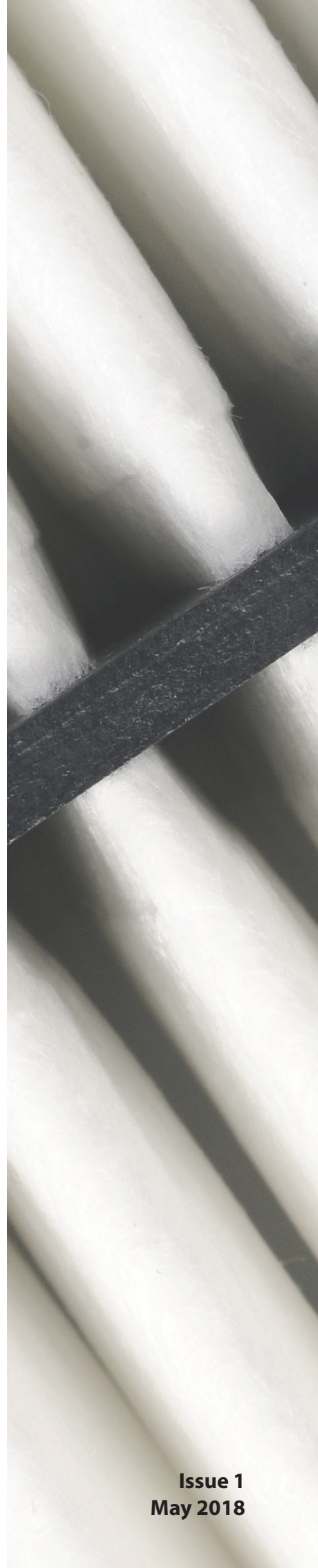
Meltblown Fabrics Technical Datasheet

Don & Low Meltblown fabrics, MeltTX[®], are produced using the most up-to-date manufacturing processes available with line features such as: control of key process settings for material optimisation, in-line measurement and control of air permeability, bespoke melt additives and colours available for enhanced fabric properties, thermal flat calendar for in-line lamination.

Our state-of-the-art Meltblown line has the capability to produce fine fibres (0.5 – 3 µm) ideally suited for filtration of respirable particles. The diverse nature of our fabrics ensures they can be used in many air filtration applications.

Product Features

- ^ Outstanding filtration performance
- ^ Optimisation for high filtration efficiency while minimising air flow resistance
- ^ Bespoke melt additives and colours available for enhanced fabric properties
- ^ Electrostatic charging of filaments for enhanced sub-micron particle filtration
- ^ Thermal flat calendar for in-line lamination
- ^ Available in weights ranging from 13 to 150 g/m² and widths up to 160 cm



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TEST	METHOD	MELTTX® PP				
		13	20 (LR)	20 (HE)	25 (LR)	25 (HE)
Fabric weight (g/m ²)	NWSP 130.1	13	20 (LR)	20 (HE)	25 (LR)	25 (HE)
Air permeability (l/m ² /s)	NWSP 070.1	400	540	315	480	290
Thickness (mm)	NWSP 120.1	0.25	0.37	0.32	0.37	0.35
Filtration Efficiency (%)	0.3 µm NaCl @ 5.3 cm/s	98.1	94.2	98.2	94.8	98.3
Air Flow Resistance (Pa)	5.3 cm/s	33	26	37	30	41

LR = low resistance, HE = high filtration efficiency



All products are manufactured under BS EN ISO 9001.

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