

# PRODUCTS TECHNICAL DATA

Issue 8. July 2015

## FILTAflo® ANTI-DUST FILTRATION TAPE

ADT10, ADT16, ADT20, ADT25, ADT30, ADT40, ADT50, ADT60

RA1700 Series

*Product patented: European Patent No. 0920899 (23.11.98)*

TECHNICAL DETAILS	TYPICAL VALUE	UNITS
Carrier	Blue / Grey spunbound synthetic fibre	
Thickness ( total ) Edana 30.4-89	0.51	mm
Weight Edana 40.3-90	70	gsm
Adhesive type	Thermoplastic Rubber Resin with UV inhibitor	
Liner (s.sided Amber)	80	gsm
Peel adhesion	1200	N/m
Tack	1600	N/m
Tensile strength MD	2500	N/m
Tensile strength CD Edana 20.2-89	1980	N/m
Elongation MD	>80	%
Elongation CD Edana 20.2-89	>90	%
Tear strength MD (fabric only) CD Edana 70.2-89	57 74	N N
Air permeability Edana 140.1-81	140	mm <sup>3</sup> /mm <sup>2</sup> /min
Water repellancy Edana 120.1-80	135	mm/H <sub>2</sub> O
Abrasion	>100	Rubs /1,5kg
Recommended application temp range:	5 to 25	°C
Service temperature range	-20 to + 80	°C
Shelf Life: (under normal storage conditions)	12 months (minimum)	

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### Particle Test Retention

Test area	100	cm <sup>2</sup>
Test flow	15	litres / min.
Face velocity	2.5	cm / sec.
Material pressure drop	5	Pa
Barometric pressure	1002	mbar
Temperature	20	°C
Humidity	50	% RH
Efficiency under above conditions	22%	Retained particles

Class acceptance within standards EN 779 and BS 4400

(Tests carried out using Challenge aerosol NaCl poly dispersed particle size 0.02 to 1.1 micrometres. Mass median 0.6 micrometres measuring longest diagonal, or 0.4 micrometres measured aerodynamically.)

N.B. Edana test methods: EDANA: European Disposables and Nonwovens Association



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