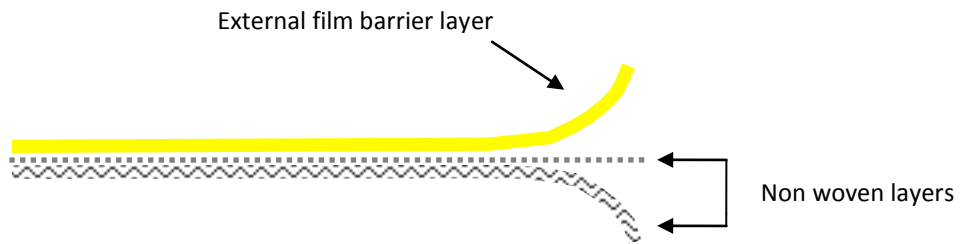


Fabric Technical Data Sheet



Basic Description:	Multi-layer barrier laminate
Basis Weight:	75 gsm
Colour(s):	Yellow

EN Physical Performance		
Test Method	Result	EN Class (EN 14325)
EN 530 Abrasion	500 cycles	3 of 6
EN ISO 7854 Flex Cracking	100,000 cycles	6 of 6
EN ISO 9073-4 Tear Resistance (MD)	44N	2 of 6
EN ISO 9073-4 Tear Resistance (CD)	29N	
EN ISO 13934-1 Tensile Strength (MD)	109N	2 of 6
EN ISO 13934-1 Tensile Strength (CD)	62N	
EN 863 Puncture Resistance	10N	2 of 6
EN ISO 13938-1 Burst Resistance	90kPa	2 of 6
EN 13274-4 Resistance to ignition	Pass	-
EN25978 Resistance to blocking	No Blocking	-
EN 1149-1: 2006 Electrostatic Properties (surface resistivity)	<5.0 x 10 ¹⁰	-

EN 14126: 2003 - Barrier to Infective Agents		
Test Method	Result	EN Class
ISO 16603 Resistance to penetration by blood/fluids under pressure	Pass to 20kPa	6 of 6
ISO 16604 Resistance to penetration by blood borne pathogens	Pass to 20kPa	6 of 6
EN ISO 22610 Resistance to wet bacterial penetration (mechanical contact)	No penetration (up to 75 mins)	6 of 6
ISO/DIS 22611 Resistance to biologically contaminated aerosols	No penetration	3 of 3
ISO 22612 Resistance to dry microbial penetration	No penetration	3 of 3



Fabric Technical Data Sheet

EN ISO 6529: 2001 Chemical Permeation Barrier**			
Chemical Name	CAS Number	BT at 0.1µg/cm ² /min (mins)	BT at 1.0µg/cm ² /min (mins)
Acetic Acid, Glacial (99.88wt%)	64-19-7	-	>540
Acetone	67-64-1	4	30
Acrylic Acid	79-10-7	-	>480
Dimethylformamide N, N (>99.8 wt%)	68-12-2	-	>480
Hydrochloric Acid (36-37wt%)	7647-01-0	193	>540
Hydrogen Peroxide	7722-84-1	-	>480
Mercury	7439-97-6	>480	>480
Methanol (> 99.5 wt%)	67-56-1	<1	>480
Nitrobenzene (99.99 wt%)	98-95-3	-	>480
Perchloric Acid (30wt%)	7601-90-3	>540	>540
Sodium Hydroxide (aq, 50wt%)	1310-73-2	>540	>540
Sodium Hydroxide (aq, 50wt%) at 80°C	1310-73-2	>540	>540
Sodium Hypochlorite Solution (aq., 14.5wt% available chlorine)	7681-52-9	>480	>480
Sulphuric Acid (95-96 wt%)	7664-93-9	>540	>540

**For a full and up to date list of chemicals tested please visit www.microgard.com or e-mail the Microgard Technical Team at technical@microgard.com

Safety Note: All chemical tests and breakthrough times given relate to laboratory tests on fabrics only. Seams and closures may have lower breakthrough times, particularly when worn or damaged. It is the user's responsibility to select an appropriate garment, gloves, boots and other equipment for the particular use. The user shall be responsible for determining how long the garment can be worn for the particular use and whether it can be suitably cleaned for re-use. Microgard Limited does not give any warranties or make any representations about its garments other than those contained in the official literature supplied by Microgard Limited with each garment.


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