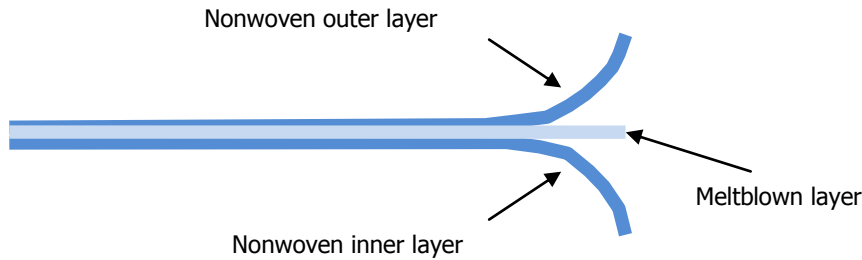


MICROGARD® 1500 Fabric Technical Data Sheet



Basic Description:	SMS (Spunbond, Meltblown, Spunbond) Polypropylene
Basis Weight:	50gsm
Colour(s):	White, Navy and Red

Fabric Physical Tests according to EN 14325: 2004						
Test Method	White		Navy		Red	
	Result	EN Class	Result	EN Class	Result	EN Class
Abrasion Resistance EN530 Method 2	>10	1 of 6	>10	1 of 6	>10	1 of 6
Flex ISO 7854 Method B	>15000	4 of 6	>15000	4 of 6	>15000	4 of 6
Tear Resistance EN ISO 9073-4 (MD)	22.6N	2 of 6	>20N	2 of 6	>20N	2 of 6
Tear Resistance EN ISO 9073-4 (CD)	28.8N		>20N		>20N	
Tensile Strength ISO 13934-1 (MD)	96.3N	1 of 6	103N	1 of 6	100N	1 of 6
Tensile Strength ISO 13934-1 (CD)	58.7N		59.9N		55.4N	
Puncture Resistance EN 863	9.87N	1 of 6	>5N	1 of 6	>5N	1 of 6
EN 13274-4 Resistance to Ignition	Pass		Pass		Pass	

Chemical Repellence EN368/EN ISO 6530						
Chemical	White Result	EN Class	Navy Result	EN Class	Red Result	EN Class
30% Sulphuric Acid	99.1%	3 of 3	97.8%	3 of 3	97.6%	3 of 3
10% Sodium Hydroxide	97.5%	3 of 3	99.2%	3 of 3	97.5%	3 of 3
n-Heptane	0.0%	0 of 3	0.0%	0 of 3	0.0%	0 of 3
Isopropanol	23.1%	0 of 3	0.0%	0 of 3	0.0%	0 of 3

Chemical Penetration EN368/EN ISO 6530						
Chemical	White Result	EN Class	Navy Result	EN Class	Red Result	EN Class
30% Sulphuric Acid	0.0%	3 of 3	0.0%	3 of 3	0.0%	3 of 3
10% Sodium Hydroxide	0.0%	3 of 3	0.0%	3 of 3	0.0%	3 of 3
n-Heptane	26.6%	0 of 3	25.7%	0 of 3	24.0%	0 of 3
Isopropanol	19.5%	0 of 3	22.4%	0 of 3	21.5%	0 of 3



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Fabric Filtration Efficiency (performed on White Fabric)	
Particle Size	Filtration Efficiency
0.3 μm – 0.5 μm	98.7%
0.5 μm – 1.0 μm	99.2%
1.0 μm – 3.0 μm	99.7%
3.0 μm – 5.0 μm	100%
> 5.0 μm	100%

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.