

Base fabric:	Polyester woven fabric
Outside coating:	PVC
Inside coating:	PVC
Weight, nominal	530 g/m ²
Colour (outside / inside)	Orange / Orange

Physical performance (EN 943-1:2015, EN 14325:2018)			
	Test method	Result	Class
Abrasion	EN 530	> 2000 cycles	6 of 6
Flex cracking	ISO 7854:B	> 50 000 cycles	6 of 6
Flex cracking @ -30 °C	ISO 7854:B	> 4000 cycles	6 of 6
Tear resistance	EN ISO 9073-4	> 60 N	4 of 6
Tensile strength	EN ISO 13934-1	> 1000 N	6 of 6
Puncture resistance	EN 863	> 50 N	3 of 6
Resistance to flame	EN 13274-4, meth 3	1 sec	2 of 3
Seam strength	ISO 5082	> 500 N	6 of 6
Additional tests			
Antistatic properties	EN 1149-5	Pass	n.a.

*LIGHT material also passes Class 6 of EN 14325:2004 (>100 000 cycles).

Barrier performance – Chemical permeation (EN 943-1:2015, EN 14325:2004)		
Chemical	BT (min)	Class
Formaldehyde solution	> 480	6
Hydrochloric acid 37%	> 480	6
Sodium hydroxide 40%	> 480	6
Sulphuric acid 50%	> 480	6

Tests performed according to EN 374-3 or ISO 6529, breakthrough criterion 1 µg/cm²/min, test duration 8 hours.

NOTE: For up-to-date chemical data, please visit our online service [Home \(ansellguardianchemical.com\)](http://Home(ansellguardianchemical.com))

Barrier performance – Infective agent penetration (EN 14126:2003)			
	Test method	Result	Class
Resistance to penetration by contaminated blood and body fluids	ISO 16603	No penetration	6 of 6
Resistance to penetration by blood-borne pathogens	ISO 16604	No penetration	6 of 6
Resistance to wet microbial penetration	EN ISO 22610	No penetration	6 of 6
Resistance to biologically contaminated liquid aerosol penetration	ISO DIS 22611	No penetration	3 of 3
Resistance to dry microbial penetration	ISO 22612	No penetration	3 of 3