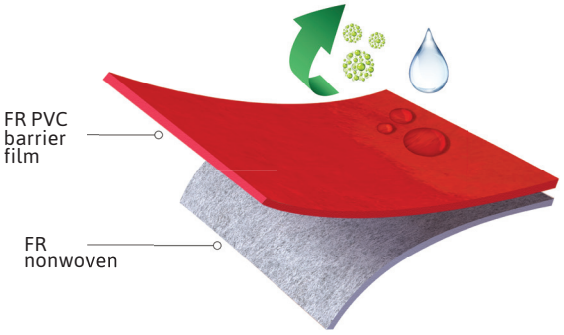
AlphaTec® CFR FABRIC - TECHNICAL DATA



Product name	AlphaTec® CFR
Product material	Flame-retardant treated fabric with PVC barrier film protection
Color	Red
Material weight	165 gsm / 4.95 oz/yd^2

Physical Properties

Test Method		Units	Results
Tensile strength (MD)	ASTM D1117/D1682	lbs in^{-1}	34
Tensile strength (CD)			27
Burst strength	ASTM D3786-87	lbs in^{-1}	35
Surface Resistance at RH 25%	EN 1149-5	Ohms	<2.5 x 10^9

Additional Testing

Test Method		Units	Results
Anti-static Properties (EN 1149-5)	EN 1149-3 (Charge Decay)	t_{50} <4 s	Pass
Vertical flammability	NFPA 701:1989 Small Scale & NFPA 701:1999	-	Pass
Flame spread	ISO 15025 Procedure A	-	Index 1
After flame	ASTM F1930	Sec	<2.0
Vertical flame resistance of textiles	ASTM D6413	Sec	No afterflame <1 s afterglow

Chemical Permeation Performance - EN 14325:2004

Test Chemical	CAS No.	Test Method	$BT_{1.0}$ (mins)	EN Class
Sodium Hydroxide (40% w/w)	1310-73-2	ISO 6529	>480	6 of 6

Fabric Barrier to Infective Agents - EN 14126

Test Method		Result	EN Class
Resistance to penetration by blood borne pathogens	ISO 16604 / ASTM F1671	Pass to 20 kPa	6 of 6
Resistance to wet bacterial penetration (mechanical contact)	ISO 22610	No penetration (up to 75 min)	6 of 6
Resistance to biologically contaminated aerosols	ISO/DIS 22611	No penetration	3 of 3
Resistance to dry microbial penetration	ISO 22612	No penetration	3 of 3

Whole Suit Testing

Test Method			Test Method	
EN 14605:2005+A1:2009	Type 3: Jet Test		EN ISO 13982-1:2004+A1:2010	Type 5 : Particle Test
EN 14605:2005+A1:2009	Type 4: Spray Test		EN 1073-2:2002	Radioactive Particulates (Class 1 of 6)*

* Does not protect against ionizing radiation

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. Ansell Limited does not give any warranties or make any representations about its garments other than those contained in the official literature supplied by Ansell Limited with each garment.

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