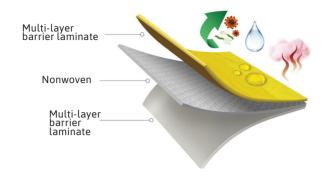
## 6500 FABRIC - TECHNICAL DATA



Product name	AlphaTec® 6500			
Product material	Multi-layer barrier films laminated either side of nonwoven fabric			
Color	Yellow			
Material weight	395 gsm / 11.65 oz/yd²			

Physical Properties - EN 14325:2018								
Property	Test Method	Result	EN Class					
Abrasion	EN ISO 12947-2	>2 000 Cycles	6 of 6					
Flex cracking	EN ISO 7854:B	>1 250 Cycles	2 of 6					
Flex cracking @ -30 °c	EN 130 7634.B	>200 Cycles	2 of 6					
Tear resistance	EN ISO 9073-4	>100 N	5 of 6					
Tensile strength	EN ISO 13934-1	>250 N	4 of 6					
Puncture resistance	EN 863	>50 N	3 of 6					
Resistance to flame	EN 13274-4, method 3	1 sec in flame, leak tight afterwards	2 of 3					
Seam strength	EN ISO 13935-2	>500 N	6 of 6					

Chemical Permeation Performance - EN 14325:2018										
Test Chemical	CAS No.	BT <sub>1.0</sub> (mins)	EN Class							
Acetone	67-64-1	>480	6 of 6							
Acetonitrile	75-05-8	>480	6 of 6							
Anhydrous ammonia (gas)	7664-41-7	>480	6 of 6							
Carbon disulfide	75-15-0	>480	6 of 6							
Chlorine (gas)	7782-50-5	>480	6 of 6							
Dichloromethane	75-09-2	>480	6 of 6							
Diethylamine	109-89-7	>480	6 of 6							
Ethyl acetate	141-78-6	>480	6 of 6							

Tests performed according to ISO 6529, breakthrough criterion 1  $\mu g/cm^2/min$ , test duration 8 hours.



## **AlphaTec**<sup>®</sup>

## 6500 FABRIC - TECHNICAL DATA

Barrier to Infective Agents - EN 14126:2003								
Test Method	Result	EN Class						
Resistance to penetration by synthetic blood	ISO 16603	Pass to 20 kPa	-					
Resistance to penetration by blood borne pathogens	ISO 16604	Pass to 20 kPa	6 of 6					
Resistance to wet bacterial penetration (mechanical contact)	EN ISO 22610	No penetration	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					

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. Ansell 2024. All rights Reserved.

