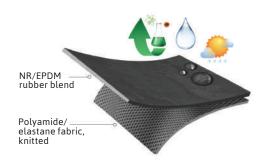


## **PROTECH FABRIC - TECHNICAL DATA**



Product name	VIKING™ PROTECH II		
Product material	Blend of natural rubber (NR) & EPDM rubber on polyamide/elastane fabric		
Colour available	Black		
Material weight (nominal)	1250 g/m²		

Physical Properties - EN 943-1:2015, EN 943-2:2002, EN 14325:2018					
Property	Test Method	Result			
Abrasion resistance	EN 5470-1	> 10 000 rounds			
Tear resistance, warp / weft	ISO 4674	>40 N / >30 N			
Tensile strength, warp / weft	ISO 1421	>500 N / >300 N			
Puncture resistance	EN 863	>35 N			

Chemical Permeation Performance - EN 14225:2017					
Test Chemical	Category / Chemical family	BT <sub>1.0</sub> (mins)	Protection Index		
Sulphuric Acid (50%)	Acids / Inorganic acid	>480	HIGH		
Sodium Hydroxide (50%)	Bases / Alkaline solution	>480	HIGH		
Isopropanol	Polar solvent / Alcohol	>480	HIGH		
Toluene (0.05%)	Hydrocarbon / Aromatic hydrocarbon	>480	HIGH		
Liquid B*	Fuel oils / Petroleum	31	LOW		
Liquid F*	Fuel oils / Diesel or Aviation fuel	>480	HIGH		

Tests performed according to ISO 6529, breakthrough criterion 1.0  $\mu$ g/cm²/min, test duration 8 hours. \* Liquid B = 70% iso-octane/30% toluene, Liquid F = 80% paraffin oil / 20% methyl naphthalene

Barrier to Infective Agents - EN 14225-2:2017, EN 14126:2003						
Test Method		Result	EN Class			
Resistance to penetration by synthetic blood	ISO 16603	Pass	6 of 6			
Resistance to penetration by blood borne pathogens	ISO 16604	Pass	6 of 6			
Resistance to wet bacterial penetration (mechanical contact)	EN ISO 22610	No penetration	6 of 6			

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 2023. All rights Reserved.

