



Product name	VIKING™ HD & VIKING™ DIVERS DRESS (DD)
Product material	Blend of natural rubber (NR) & EPDM rubber on polyester knitted fabric
Colour available	Red or black
Material weight (nominal)	1550 g/m ²

Physical Properties - EN 943-1:2015, EN 943-2:2002, EN 14325:2018

Property	Test Method	Result (Red fabric)	Result (Black fabric)
Abrasion resistance	EN 5470-1	>12 000 cycles	>12 000 cycles
Tear resistance, warp / weft	ISO 4674	>40 N / >35 N	>40 N / >35 N
Tensile strength, warp / weft	ISO 1421	>700 N / >500 N	>850 N / >600 N
Puncture resistance	EN 863	>50 N	>55 N

Chemical Permeation Performance - EN 14225:2017

Test Chemical	Category / Chemical family	BT _{1.0} (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	34	LOW
Liquid F*	Fuel oils / Diesel or Aviation fuel	>480	HIGH

Tests performed according to ISO 6529, breakthrough criterion 1.0 µg/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.