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|---------------------------|-------------------------------------|
| Base fabric: | Polyester knitted fabric |
| Outside coating: | Blend of Natural rubber (NR) & EPDM |
| Inside coating: | None |
| Weight, nominal | 1550 g/m ² |
| Colour (outside / inside) | Black / Black |

| Physical performance | | |
|-------------------------------|-------------|-------------------|
| Property | Test method | Result |
| Abrasion resistance | EN 5470-1 | > 12 000 rounds |
| Tear resistance, warp / weft | ISO 4674 | > 40 N / > 35 N |
| Tensile strength, warp / weft | ISO 1421 | > 850 N / > 600 N |
| Puncture resistance | EN 863 | > 55 N |

| Barrier performance – Chemical permeation (EN 14225:2017) | | |
|---|-------------------------------------|-----------------------------|
| Chemical name | Category / Chemical family | Breakthrough Time (minutes) |
| Sulphuric Acid, 50% | Acids / Inorganic acid | > 480 |
| Sodium Hydroxide, 50% | Bases / Alkaline solution | > 480 |
| Isopropanol | Polar solvent / Alcohol | > 480 |
| Toluene, 0.05% | Hydrocarbon / Aromatic hydrocarbon | > 480 |
| Liquid B* | Fuel oils / Petroleum | 34 |
| Liquid F* | Fuel oils / Diesel or Aviation fuel | > 480 |

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 performance – Infective agent penetration (EN 14225-2:2017, EN 14126:2003) | | | |
|--|--------------|----------------|--------|
| | Test method | Result | Class |
| Resistance to penetration by contaminated blood & 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 |