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| Quality Ref: | Protal |
| Composition: | Protal 3 knit |
| Weight: | 275gsm |
| Colour: | H.V.O. |

TECHNICAL DATA SHEET

| | Test Method | | Requirement | RESULT |
|------------------------------|---|------------|-------------|-------------------------|
| Arc Rating | IEC 61482-1-1 | ATPV | | 9.6 cal/cm ² |
| | | ELIM | | 8 cal/cm ² |
| Heat Resistance | ISO 17943 | Cross wise | <5.0% | -3.4% |
| | | lengthwise | <5.0% | -3.2% |
| Bursting Resistance | EN ISO 13938 | | >100 | 273.82 |
| Flame Test | EN11612 | | | A1 |
| Heat Transmission | ISO 9151 | | | B1 |
| Radiant Heat | EN ISO 6942 | | | C1 |
| Contact Heat | EN ISO 12127 | | | F1 |
| Martindale Abrasion | ISO 12947-2 | | | 60000 |
| Chromaticity | EN20471: High Vis Orange | | Pass | Pass |
| Charge Decay | EN 1149-3 | | Pass | Pass |
| Dimensional Stability | EN ISO 5077 after 5 wash/dry cycles | Crosswise | +/- 5.0% | -0.5% |
| | | Lengthwise | +/- 5.0% | -0.5% |

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*The data above is based on a typical 275gsm Protal 3 knitted fabric.

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