

QUALITY REF: CF/1011/V



BIRMINGHAM SAFETY WEAR LTD
MANUFACTURERS OF INDUSTRIAL APRONS

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| APPLICATIONS: | Protective Clothing eg. Aprons for Fairly Severe Conditions |
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SUBSTRATE

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| BASE FABRIC | WEAVE: | Plain | MASS: | 70 g/m ² Nominal |
| YARN TYPE | WARP: | Continuous Filament High Tenacity Nylon 6.6, 235 Decitex | | |
| | WEFT: | Continuous Filament High Tenacity Polyester, 280 Decitex | | |
| CONSTRUCTION: | WARP: | 16 +/- 1.0 ends per cm | WEFT: | 10.5 +/- 0.5 picks per cm |

ALTERNATE SUBSTRATE

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|----------------------|---------------|---|--------------|-----------------------------|
| BASE FABRIC | WEAVE: | Plain | MASS: | 80 g/m ² Nominal |
| YARN TYPE | WARP: | Continuous Filament 280 Decitex High Tenacity Polyester | | |
| | WEFT: | Continuous Filament 280 Decitex High Tenacity Polyester | | |
| CONSTRUCTION: | WARP: | 15 +/- 1.0 ends per cm | WEFT: | 14.0 +/- 1.0 picks per cm |

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| COATING: | Plasticised PVC coated on both sides of substrate and pigmented to customer requirements. (Stiffer Finish) |
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PHYSICAL PROPERTIES OF COATED FABRIC

| <i>PROPERTY</i> | <i>REQUIREMENTS</i> | <i>METHOD OF TEST</i> |
|---|--|-----------------------|
| TOTAL MASS (g/m²) | 380 +/- 20 | BS EN 22286 |
| WIDTH (cm) | Available up to 150 +/- 1% Or Slit to Customer Requirements | BS EN 22286 |
| BREAKING STRENGTH (N/5cm) WARP WEFT | 1200 800 | BS 3424 / 6B |
| TONGUE TEAR STRENGTH (N/5cm) WARP WEFT | 120 90 | BS 3424 / 7B |
| COATING ADHESION (N/5cm) FACE | (Mean of Maximum Value) 35 | BS 3424 / 9B |
| COLD CRACK °C | -20 Max | BS 3424 / 10A |
| WATER PENETRATION (cm) | Minimum 150 (As Received) | BS3424 / 29C |

Our Inspection Standards are based on those outlined in the Quality Requirements of BS F100.

N.B. These are typical results intended for guidance only. We cannot accept liability for any injury, loss or damage resulting from reliance upon such information. The purchaser is responsible for determining the suitability of our product for fabrication and final application.

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