

# Molten Metal Neck Cape

PR01975SP



## COMPOSITION / INGREDIENTS

|                     |                           |
|---------------------|---------------------------|
| <b>Composition</b>  | 100% Marlan Plus          |
| <b>Weave</b>        | Twill 3/1                 |
| <b>Weight (gsm)</b> | 350 g/m <sup>2</sup> ± 5% |

## EXPOSURE CONTROLS & PERSONAL PROTECTION

|   | Results                                    | Standard               |
|---|--|------------------------|
| <b>Heat Resistance</b>                  | 180° Pass, 260° Pass                       | EN 11612, ISO 17493    |
| <b>Limited Flame Spread</b>             | A1 – A2                                    | EN 11612, ISO 15025    |
| <b>Convective Heat</b>                  | B1   | EN 11612, ISO 9151     |
| <b>Radiant Heat</b>                     | C1   | EN 11612, ISO 6942     |
| <b>Molten Metal Splashes</b>            | D3 – E3                                    | EN 11612, ISO 9185     |
| <b>Molten Metal Slashes</b>             | >100g of Cryolite                          | EN 11612, ISO 9185     |
| <b>Contact Heat</b>                     | F1   | EN 11612, ISO 12127    |
| <b>Flame Resistance (Vertical Test)</b> | Pass                                       | ASTM D6413             |
| <b>Electric Arc</b>                     | ATPV: 8,0 Cal/cm <sup>2</sup> , HAF: 78,2% | ASTM F1959/F           |
| <b>Electric Arc</b>                     | Class 1                                    | EN 61482-1-2           |
| <b>Welding and Allied Processes</b>     | Class 2                                    | (EN ISO 9150) EN 11611 |
| <b>Water Vapor Resistance</b>           | Ret: 6,0458 m <sup>2</sup> Pa/W            | EN 31092               |
| <b>Thermal Resistance</b>               | Rct: 0,0147 m <sup>2</sup> K/W             | EN 31092               |
| <b>Tensile Strength</b>                 | Warp 1004 N (± 10%)<br>Weft 880 N (± 10%)  | EN 13934-1             |
| <b>Tear Resistance</b>                  | Warp 30 N (-5N)<br>Weft 35 N (-5N)         | EN 13937-2             |

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### EXPOSURE CONTROLS & PERSONAL PROTECTION

|                            | Results                | Standard    |
|----------------------------|------------------------|-------------|
| <b>Pilling Resistance</b>  | 5                      | EN 12945-2  |
| <b>Abrasion Resistance</b> | > 100.000 rev          | EN 12947-2  |
| <b>Dimensional Change</b>  | Warp < 3%<br>Weft < 3% | EN ISO 5077 |

### OTHER RESULTS

Testing undertaken after 25 industrial washings at 60°C: 180°, A1-A2, B1, C1, D3-E3, F1  
 Testing undertaken after 50 industrial washings at 60°C; 180°, 260°, A1-A2, B1, C1, D3-E3, F1

|                         |                          |            |
|-------------------------|--------------------------|------------|
| <b>Tensile Strength</b> | Warp 970 N<br>Weft 710 N | EN 13934-1 |
| <b>Tear Resistance</b>  | Warp 68 N<br>Weft 25 N   | EN 13937-2 |

### Contact Us

Gentex is committed to designing innovative safety solutions that protect people from immediate and long-term health and safety hazards present in their work environments, while enhancing workplace performance. Contact us today for more information on PureFlo and our full line of industrial safety solutions. **Tel:** +44 (0) 1776 70442 **Email:** sales@gentexcorp.eu.com  
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