



PROVIDING ADVANCED YARN SOLUTIONS

## HPT Aracore®

yarns are used to manufacture personal protective textiles e.g.

- Seamless gloves
- Cut and sewn gloves
- Balaclava
- Work wear
- Aprons
- Sleeves
- Socks

## Applications:

- Steel handling
- Foundries
- Welding
- Plastic industry
- Lathe operations
- Metal grinding/ filing
- Mining, Ceramic industry

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# HPT Aracore®



The HPT Aracore® yarns are designed to provide maximum protection against thermal and mechanical hazards (cut, slash, lacerations). These composite yarns are manufactured using para-aramid fibres blended with other inherent flame-retardant fibres (such as meta-aramid, FR viscose, modacrylic, polyamide-imide, FR nylon, FR polyester) and reinforced with high strength filaments. The yarns are available in yellow, green and black colour.

## Cut performance of protective textiles using HPT Aracore® yarns:

| Product | Code                    | Gauge/GSM | Test Method*          | Test Results/ Rating Force (Weight) in g | Status / Performance Level |
|---------|-------------------------|-----------|-----------------------|--|----------------------------|
| Gloves  | HPT ARACORE® W 59 GREEN | GG-13     | ASTM F2992/F2992M- 15 | 2200 grams                               | A5                         |
|         | HPT ARACORE® E 65       | GG-13     | ASTM F2992/F2992M- 15 | 2400 grams                               | A5                         |
|         | HPT ARACORE® E 115      | GG-10     | ISO 13997:1999        | 2880 grams                               | A5                         |
|         | HPT ARACORE® W 50 - 120 | GG-13     | ASTM F2992/F2992M- 15 | 3678 grams                               | A6                         |
|         | HPT ARACORE® W 50 - 162 | GG-10     | ISO 13997:1999        | 3700 grams                               | A6                         |
|         | HPT ARACORE® W 59*2     | GG-10     | ASTM F2992/F2992M- 15 | 3720 grams                               | A6                         |
| Fabric  | HPT ARACORE® 450        | 450 GSM   | F2992/F2992M- 15      | 3790 grams                               | A6                         |
|         | HPT ARACORE® 550        | 550 GSM   | ASTM F2992/F2992M- 15 | 4100 grams                               | A7                         |

\* 5.1.1 Cut Resistance (Weight (grams) needed to cut through material with 20 mm of blade travel)

