



PROVIDING ADVANCED YARN SOLUTIONS

HPT Flex™ yarns are used to manufacture personal protective textiles e.g.

- Seamless gloves
- Cut and sewn gloves
- Balaclava
- Work wear
- Aprons
- Sleeves
- T-shirts

Applications:

- Meat processing
- Commercial fishing
- Plastic industry
- Glass industry
- Automotive assembly
- Body shop
- Light metal handling
- Maintenance and machining

Contact us:

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The HPT Flex™ yarns are designed to provide maximum protection against cut, slash, lacerations at a room temperature. These composite yarns are manufactured using high-density polyethylene fibres reinforced with other inherent cut resistant materials (such as fiberglass, metallic multifilament, mineral fibres to name a few). These yarns are available in white, grey, black, blue, orange and yellow colour.



Cut performance of protective textiles using HPT Flex™ yarns:

Product	Code	Gauge / GSM	Test method*	Test Results/ Rating Force (Weight) in g	Status / Performance Level
Gloves	HPT FLEX™ W 50-HVY 100	GG 10	ASTM F2992/F2992M-15	2050 grams	A4
	HPT FLEX™ H -725 - 112	GG 10	ASTM F2992/F2992M-15	2090 grams	A5
	HPT FLEX™ E 34-107	GG-13	ASTM F2992/F2992M-15	1500 grams	A4
Sleeve	HPT-FLEX™ EP-120	GG-10	ASTM F2992/F2992M-15	3700 grams	A6
Fabric	HPT FLEX™ ORANGE 430 (HI VIS)	445 GSM	ASTM F2992/F2992M-15	1950 grams	A4
T-shirt	HPT FLEX™ 350	350 GSM	ASTM F2992/F2992M-15	1500 grams	A4

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

