

TTP470

RHINO GUARD™ Apron

RHINO GUARD™ is a highly engineered textile composite designed to provide the highest levels of protection against a wide range of puncture hazards. Constructed from an innovative combination of advanced fibers, modified fabric structure and a unique coating technology to deliver high levels of protection against both large and small puncture threats (including needles and syringes).

Uniquely for a puncture resistant material, RHINO GUARD™ also protects against cuts, heat and flame, abrasion and liquids. The apron provides protection to the chest, abdomen and legs where cut and puncture hazards are most likely to be encountered and is ideal for use in many industries including metal forming, glass manufacturing and handling of waste.



Product Specifications

Product Code	TTP470
Sizes	Small – 2XL
Base	Tilsatec – RHINO GUARD™
Construction	Engineered woven with cut & sew finishing
Coating	FR Polyurethane
Cuff/Wrist	N/A
Origin	USA or Canada

Packaging

Case Quantity	100 per case
Internal Packaging	10 per bundle

Performance

ANSI 105: 2016



CUT

EN388: 2003



4544



PUNCTURE:

5

HYPODERMIC:

2

Available Sizes

Sizes:

Small – 2XL



Made with Tilsatec Rhino Yarn technology. Produced in the UK and developed by Tilsatec's specialist team of yarn technologists to deliver the optimum in performance and comfort.

United States Office
1.877.466.8499
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SIZING & FITTING

Frontal Apron Size	Actual Apron Size	Fits Dress Size	Fits Suit Size	Max Chest/Hip Measurement	Fits Max Height
Small	20" x 32"	4 - 6	34 - 36	36"	5'6"
Medium	22" x 34"	8 - 10	38 - 40	40"	5'10"
Large	24" x 36"	12 - 14	42 - 44	44"	6'0"
X-Large	26" x 38"	16 - 18	46 - 48	48"	6'2"
XX_Large	28" x 40"	20 - 22	50 - 52	52"	6'4"

PERFORMANCE DATA

All performance data is derived from independent testing undertaken at approved International test houses.

Key Features of **RHINO GUARD™** fabric technology

PUNCTURE RESISTANT:

- a) Achieves the highest rating for puncture resistance (>150 Newtons) according to the requirements of EN388 (Level 4) and ANSI-105:2016 (Level 5) using the standard 4.5mm diameter puncture probe.
- b) ASTM F2878-10: 5.7 Newtons using a 25g sharpened hypodermic medical grade needle.

(All puncture data given is from independent testing on a single layer of **RHINO GUARD™** material)

ABRASION RESISTANT:

EN388 - Level 4 Abrasion

ANSI-105:2005 - Level 2 Abrasion

RHINO GUARD™ is coated with a highly abrasion resistant material to maximise product durability in applications requiring robust performance.

FIRE RESISTANT:

Unlike other puncture resistant materials, **RHINO GUARD™** will not burn or exhibit any after flame following exposure to surface or edge ignition sources.

ASTM D6413-99: After flame time - 0 seconds

Char length - 70mm / 2.7inches

The fire resistant properties of **RHINO GUARD™** will not diminish with multiple laundering cycles. **RHINO GUARD™** is also stable in exposure to temperatures of up to 400°f.



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