

Armor-Prus

Prusik line with Technora® “Armor” cover



Armor-Prus Performance

Armor-Prus Poly

FEATURES/ BENEFITS

Armor-Prus Performance

- Blended Technora® cover acts like armor to prevent melting and glazing
- Very low stretch and a light weight UHMwPE core with twin Kevlar strands, preventing the core from being cut or melted completely in the unlikely event of cover failure

Armor-Prus Poly

- Features the same armored jacket as Performance line
- Economical Polyester core

Both feature

- High grip for footlock
- Technora® has exceptional heat resistance and dissipation properties
- Easy to splice
- Meets ITCC Climbing comp rules

RANGE

Armor-Prus Performance

- 8mm x 25m reel in Fluro Yellow/Grey mottle
- 10mm x 25m in Blue/Grey mottle

Armor-Prus Poly

- 8mm x 25m reel in Fluro Orange/Grey mottle
- 10mm x 25m in Pink/Grey mottle

APPLICATIONS

- Prusik line
- Access line
- Foot lock

Product Code	Size (mm)	Description	Reel Length	Reel Weight	Breaking Force
RPRP0860	11	Armor Prus Performance 8mm Fluro Yellow	25m	1.7kg	2800kg
RPRP1060	11	Armor Prus Performance 10mm Blue	25m	1.9kg	4300kg
RPRP0821	11	Armor Prus Poly 8mm Orange	25m	2.0kg	2300kg
RPRP1004	11	Armor Prus Poly 10mm Pink	25m	2.2kg	3297kg

These products can be made to order in longer lengths on request

TESTIMONIAL

“Since first sampling the product in New Zealand, Armor Prus has become an important part of our climbing system. As a climbing prusik, the cord performs brilliantly, when tied correctly it is reliable and runs well on modern double braid climbing lines. As it has a breaking strength exceeding 22kN, the 8mm Armor Prus is perfect to splice as a footlock prusik or as a back up in SRT systems.

The 10mm version has also proven itself as a superior foot lock line due to its static nature and high grip. At the world comps in 2010, the footlock comp was won on 10mm Armor Prus, with several other climbers recording PB’s on the rope also. The only problem with Armor Prus is that other climbers always want to “borrow” some - piss off, get your own!”

Grant Cody, Australian Arbor Champion

TERMINATION

- Sewn eye options available upon request
- Sewn eyes suitable for 8mm & 10mm Armor-Prus
- Retains a higher tensile strength than a conventional splice
- Labelled for ease of traceability



FIBRE CHARACTERISTICS

Fibre type	Description	Specific gravity	Sensitive to	Resistant to	Heat reaction	Strength and elongation
Polyester	Continuous Filament	1.38	Alkalis, Phenolic Compounds, Sulfuric Acid.	Most Organic and Mineral Acids, Solvents, Bleaches and Oxidizing Agents.	Softens 228°C, Melts 255°C.	Equivalent wet/ dry strength ratio. Elongation 35% at Break.
Stealth® Ultra High Molecular Weight Polyethylene (UHMwPE)	Continuous Filament	0.97 g/cm3	Strong oxidising agents. Chlorosulfonic & Nitric acids at high temperatures. Slightly affected by Sodium Hydroxide (pH>14)	Most acids & alkalis, cold alcohols, ethers, esters, ketones & bleaches.	Softens 144°C, Melts 152°C.	Equivalent wet/dry strength ratio. Elongation 4% at Break.
Technora®	Spun Filament	1.39	Hydrochloric, hydrobromic and sulphuric acids, bleaching and sunlight.	Mineral and organic acids, alkalis, organic solvents, sea water and steam.	500°C+ decomposition.	Equivalent wet/dry strength ratio. Elongation 4.5% at Break.
Aramid (Kevlar®)	Continuous Filament	1.44	Hydrochloric, hydrobromic and sulphuric acids, bleaching and sunlight. Highly sensitive to abrasion.	Mineral and organic acids, alkalis, organic solvents, mildew and fungi.	371°C decomposition.	Equivalent wet/dry strength ratio. Elongation 4% at Break.