

Marlow DATASHEET [®]

PROTEC 250

The Polyester cover of the Protec 250 offers improved abrasion and heat resistance over conventional Nylon (PA) ropes. Constructed with a tough and durable 32 plait Polyester cover. Supplied with optional EZY ID labels upon request.

WORKS WELL WITH POWER ASCENDERS

APPLICATIONS:	Work positioning, rope access, rescue works and abseiling
MATERIAL	
COVER MATERIAL:	Polyester
COVER CONSTRUCTION:	32 plait braided polyester jacket
CORE MATERIAL:	Nylon (polyamide)
CORE CONSTRUCTION:	Multiple twisted cores (PA)
CERTIFICATION:	CE certified EN 1891 type A, NFPA 1983:2017 approved
PROPERTIES:	Good heat and abrasion resistance, light weight, high strength, low water absorption
COLOURS:	Black with red and white markers
LENGTHS:	100/200m reels
TERMINATION:	Optional sewn terminated eyes upon request.



PERFORMANCE:

PROPERTY	CE
Diameter (mm)	11.3
Weight (kg/m)	8.50
Weight(g/m)	85.0
Weight (lb/100ft)	5.75
Av. breakload (kN)	44.3
Av. breakload with fig.8 loop(kg)	2600
Min. breakload (kN)	16.2
Min. breakload (kg)	1650
Test standard	CE EN 1891 type A
Core material	nylon
Core construction	multiple twisted cores
Cover material	polyester
Cover construction	32 plait polyester
Termination options	knot, sewn eye

PROPERTY	NFPA
diameter (mm)	11.3
Weight (g/m)	85.0
Weight (lb/100ft)	5.75
Min. breaking strength (kN)	38.0
Min. breaking strength (lbf)	8550
Test standard	NFPA 1983:2017
Core material	nylon
Core construction	multiple twisted cores
Cover material	polyester
Cover construction	32 plait polyester
Termination options	knot, sewn eye
% elongation at 1.35kn (300lbf)	2.3
% elongation at 2.7kn (600lbf)	4.9
% elongation at 4.4kn (1000lbf)	8.0

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