

Marlow DATASHEET[®]

DIABLO - STATIC ROPE FOR EXTREME USE

Marlow Diablo is a high quality, CE Type A certified rope with a special heat resistant cover. Designed for military, police and emergency services, Diablo is essential for all rope access professionals who require a low stretch kernmantle type rope with added resistance to extreme environments and hard use.

When exposed to direct heat (for example from a blow torch or close proximity to halogen lamps), Diablo's survival time at temperatures exceeding 300°C, is 5 times that of regular static ropes. In instances of heat exposure up to 300°C, Diablo continues to maintain load bearing properties in excess of 10kN even after 15 minutes, whereas regular static ropes will catastrophically fail after 45 seconds.

Orange/ black



Black/ black



Natural/Orange



Key Specifications:

Material:	Nylon
Construction:	24 plait braided /Multiple twisted cores
Cover:	Blended of heat resistant para-aramid and high tenacity polyamide
Termination:	Marlow Diablo ropes can be terminated with a figure of eight knot or by sewn eyes. CE approved, factory sewn eyes using Marlow's computer controlled sewing machinery are available on request . Each eye is individually serial numbered for work log purpose.

PERFORMANCE

PROPERTY	11MM (DIABLO)
Rope Classification Type (A or B)	A
Diameter (mm)	11
Sheath Slippage (%)	0
50 - 150 kg Elongation (%)	3.4
Shrinkage (%)	3.5
Mass Core (g/m)	38.4
Mass Cover (g/m)	44.1
Mass Rope (g/m)	82.5
Minimum Static Strength ex. terminations (kN)	22
Average Static Strength ex. terminations (kN)	35.5
Minimum Static Strength with terminations (kN)	15
Average Static Strength with sewn eye (kN)	29.2
Average Static Strength with fig. 8 loop (kN)	18.3
Peak Force (kN). Fig 8 loop	5.6
Fall Factor 1 falls. Fig. 8 loop	6

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