

## ENGINEERED FOR:



Rescue



Rope Access



Window Cleaning & Façade Maintenance



Construction



Tree Care



Challenge Courses

Gravitas is the latest rope innovation in Marlow's 200+ year history, engineered for a variety of rope access operations. New for 2026, this rope will be your go to for ascending, descending, and work positioning. It is a high-strength static rope with one of the lowest elongations on the market: 1.7% at 300lbs (NFPA). This rope is by far the best in its class! Even more impressive than the data, is its handling. Gravitas has superior knotability, and not just for tying the knot, it's also easy to untie after it has been loaded. The nylon core keeps it supple and round, while the burly polyester cover gives it excellent resistance to abrasion and UV as well as strength retention when wet.

## KEY FEATURES:

- Low elongation • High strength • Superior knotability • Easy to handle
- Excellent abrasion resistance • Excellent UV resistance • Excellent water resistance

## TECHNICAL INFORMATION:

### CE<sup>1</sup>:

DIAMETER (mm)	11
WEIGHT (g/m)	91.1
AVG. BREAKLOAD (kN)	41
AVG. BREAKLOAD WITH SEWN EYE (kN)	37.3
AVG. BREAKLOAD WITH FIG. 8 LOOP (kN)	22.8
ELONGATION AT 50-150kg (%)	2
FALL FACTOR 1 FALLS WITH FIG. 8 LOOP (kN)	7+
PEAK FORCE WITH FIG. 8 LOOP (kN)	5.4

<sup>1</sup> Tested in accordance with CE EN 1891.

### NFPA<sup>2</sup>:

DIAMETER (inch)	7/16
WEIGHT (lbs/100ft)	6.16
MIN. BREAKLOAD (lbs)	7895
MIN. BREAKLOAD (KN)	35.1
ELONGATION AT 1.35KN/300LBF (%)	1.7
ELONGATION AT 2.7KN/600LBF (%)	4.4
ELONGATION AT 4.4KN/1000LBF (%)	7.2

<sup>2</sup> Tested in accordance with NFPA 2500:2022.

## CERTIFICATIONS

CE EN 1891 Type A, NFPA 2500:2022 Edition

## COLOURWAYS



Black



Blue



Red



Green



Orange



White



## TECHNICAL INFORMATION:

ROPE MASS (g/m)	91.1
MASS CORE (%)	55.3
MASS COVER (%)	44.7
CHEMICAL RESISTANCE	Excellent
UV RESISTANCE	Excellent
COVER MELTING POINT	250°C / 482°F
CORE MELTING POINT	220°C / 428°F
CONSTRUCTION	16-plait cover, multiple twisted cores
MATERIAL	Nylon (polyamide) core, polyester cover
LENGTHS (m/ft)	100m/328ft 200m/656ft, 183m/600ft, 500m/1640ft
TERMINATIONS	Plain end, sewn eye



The information in this document is subject to change without prior notice. Please refer to our website for the most up-to-date version.



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