



JAMES LEVER & SONS
FAMILY ROPEMAKERS SINCE 1856

Everlasto Works
Morris Green Business Park
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Everlasto Polyhemp (Hempex) Rope Technical Data Sheet

Everlasto Polyhemp (Hempex) Rope combines the traditional appearance of natural hemp with the durability and performance of a modern synthetic fibre.

Manufactured from UV-stabilised, rot-proof polypropylene, it offers flexibility, strength and resistance to weathering, making it ideal for outdoor and decorative use.

Its natural hemp colour and soft texture make it a popular choice for decking, landscaping, marine, and architectural applications.

Technical Specification

Property	Value
Construction	3-strand twisted
Material	Polypropylene (synthetic hemp)
Colour	Natural hemp (light brown)
Melting Point	approx. 165 °C
Density	approx. 0.91 g/cm ³ (floats on water)
UV Resistance	High (UV-stabilised)
Abrasion Resistance	Good
Rot Proof	Yes
Stretch	Low stretch
Conforms To	DIN 83329:1998 / EN ISO 9554

Typical Applications

- Decking handrails and balustrades
- Garden and landscape barriers
- Nautical and mooring lines
- Theatrical, event and interior design
- Craft and DIY projects

BREAK LOAD

Break load for indication purposes only – not test certified.

Diameter (mm)	Weight per 220m (kg)	Break Load (kg)
4	2.5	-
6	3	300
8	5	500
10	10	950
12	13	1,360
14	17	1,910
16	25	2,500
18	30	3,170
20	42	4,220
22	51	4,510
24	57	4,930
28	60	6,590
32	88	8,460
36	112	10,600

SAFE WORKING LOADS EXPLAINED

Break load for indication purposes only. Not test certified. Break loads will also be reduced as a result of splicing and knotting.