

Polyester 12-Strand Rope

Product code : **POLY12**

DESCRIPTION

This 100% polyester rope has a hollow braided 12-strand construction. It is designed with a single or two-ply construction depending upon nominal size. Available with a urethane coating that offers color coding options and additional abrasion resistance.

TECHNICAL SPECIFICATIONS

Standard color White, red, black (Other colors available on request)

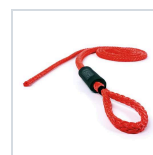
Non-rotating

Torque free

Very flexible and easy to handle

Easily spliced and inspected

Urethane coating available for abrasion resistance and color coding



Applications

- Floating dock moorings
- Pulling lines
- Lifting slings
- Tow lines
- Dock lines

ADDITIONAL INFORMATION

Note: Standard rope assemblies are marked with a Working Load Limit (WLL) calculated with a safety factor of 10:1. If your application requires a different safety factor, please specify.

Code	Diameter (mm / in)	Weight (kg / 100 m, lb / 100 ft)	Average strength (kg / lb)
POLY12 – 1/4"	6.4 mm (1/4 in)	3.1 kg (2.1 lb)	1,225 kg (2,700 lb)
POLY12 – 5/16"	7.9 mm (5/16 in)	4.8 kg (3.2 lb)	1,769 kg (3,900 lb)
POLY12 – 3/8"	9.5 mm (3/8 in)	6.1 kg (4.1 lb)	2,902 kg (6,400 lb)

Code	Diameter (mm / in)	Weight (kg / 100 m, lb / 100 ft)	Average strength (kg / lb)
POLY12 – 7/16"	11.1 mm (7/16 in)	9.4 kg (6.3 lb)	3,628 kg (8,000 lb)
POLY12 – 1/2"	12.7 mm (1/2 in)	12.7 kg (8.5 lb)	5,533 kg (12,200 lb)
POLY12 – 5/8"	15.9 mm (5/8 in)	19.5 kg (13.1 lb)	9,616 kg (21,200 lb)
POLY12 – 3/4"	19.1 mm (3/4 in)	25.6 kg (17.2 lb)	11,521 kg (25,400 lb)
POLY12 – 7/8"	22.2 mm (7/8 in)	38.4 kg (25.8 lb)	17,055 kg (37,600 lb)
POLY12 – 1"	25.4 mm (1 in)	51.4 kg (34.5 lb)	22,679 kg (50,000 lb)
POLY12 – 1 1/8"	28.6 mm (1-1/8 in)	61.4 kg (41.2 lb)	29,982 kg (66,100 lb)
POLY12 – 1 1/4"	31.8 mm (1-1/4 in)	68.5 kg (46.0 lb)	33,293 kg (73,400 lb)
POLY12 – 1 1/2"	38.1 mm (1-1/2 in)	106.2 kg (71.3 lb)	39,825 kg (87,800 lb)

PRODUCT PAGE AND REFERENCES

This sheet reflects the data published on the product page on the generation date. For the current version, scan the code or visit:

<https://www.barry.ca/products/poly12-polyester-12-strand-rope>



Product page