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Play

Technical Specifications

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Specifications for 16 mm Netform™ Rope

Netform 16 mm diameter rope is constructed of six high strength strands of polyester-jacketed steel wire cable laid over a three strand fiber core to form a durable yet flexible rope suitable for a range of applications.

The Netform rope is highly resistant to moisture, chemicals, UV exposure and abrasion. A variety of aluminum and stainless steel joints and terminations are available to suit your unique needs.



Description

Type	Jacketed 6-strand Wire Rope
Rope Diameter	16mm (0.63 inch)
Model Numbers	RNF16SD, RNF16BK, RNF16RD, RNF16BL, RNF16GN, RNF16GY, RNF16YL, RNF16BL/RD, RNF16SD/GN
Colors	Sand, Black, Red, Blue, Green, Grey, Yellow, Blue/Red, Sand/Green

Outer Lay

Construction	1x19 galv. steel wire
Jacketed Strand Diameter	5.4 mm
Number of Strands	6
Jacket Material	Polyester fiber braid

Fiber Core

Fiber Core Diameter	7.8 mm
Number of Strands	3 (3.7 mm)
Material	Polypropylene

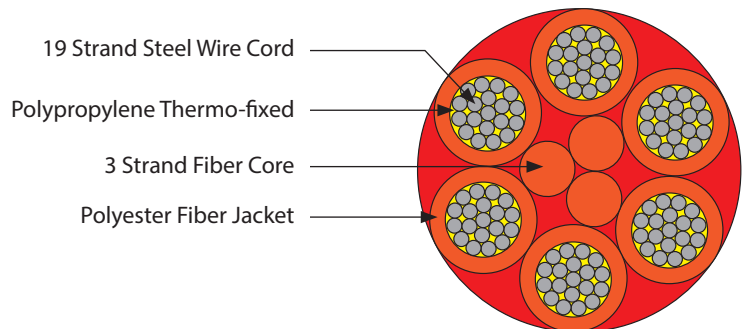
Strength & Durability

Min. Breaking Strength	42 kN
UV Stabilization	250 kLy
Abrasion	min.1000 DL DL = Double Lifts

Each of the six outer strands are made of a 2.4 mm galvanized steel wire cable, coated by a 1 mm layer of high-strength polypropylene. The cable is jacketed with a protective layer of high-strength UV resistant polyester fiber for a total single-strand thickness of 5.4 mm.

Increased strength and stability of each strand is achieved by heating the steel cable during the manufacturing process to form a thermo-fixed bond between the steel strands and the surrounding polypropylene.

This enhancement prevents the individual strands from untwisting when flexed or cut. In addition, a latex bonding liquid is applied during manufacturing to greatly increase the rope's resistance to abrasion, especially in sand-based play environments.



16 mm Netform Fittings and Options



T-Joint Connector

T-joint connectors used at the outer ropes are made of polyamide 6.0. Available colors are black or tan.

The T-Joint connection is 52 g (1.8 oz) and the Knot connection weight is 30 g (1 oz).

Tensile strength of the T-Joint and Knot connectors is 550 kg (1,200 lb) with a rope pull out strength of 2,000 N (450 lb).

Netform 16 mm weight is 330 g/m (0.22 lb/ft)



Knot Connector

Knot connectors made of High Density Polyethylene are used for all cross joints. Available in black or tan.



Terminations

Ferrule pressed anchor and loop terminations add a finish to the constructed assembly.



Black



Blue



Green



Silver



Red



Yellow



Sand



Red/Blue



Green/Sand