

Fibre and Synthetic Ropes

Hoisting Equipment Specialists carry an extensive range of rope types in both reels and coils to suit all types of applications.



Rope Examples



Sisal rope



Polyethylene mono rope



Sure knot poly rope



Polyethylene Silver rope



Polypropylene film rope



Cotton rope



Poly anchor rope



Polyethylene ski braid

3 Strand Fibre Rope

- Available in Sisal or Manila, as well as synthetic fibres including Polypropylene, Nylon, Polyester and Polyethylene.
- For rigging, lashing and lifting applications.
- Available in many sizes.

The formula to calculate safe working load (of new rope only).

Example:

10mm silver SWL in kg = $(10)^2 \times 1.16 = 116\text{kg}$

Material	Factor
Nylon	2.25
Polyvinyl	1.25
Polyethylene	1.45
Manila	1.0
Polypropylene	1.6
Polyester	2
Silver	1.16
Sisal	1.0

Rope Dia. mm	Silver MBF kN	Sisal MBF kN	Manila MBS kN
6	3.69	2.55	2.55
8	6.10	4.73	4.73
10	9.26	6.22	6.22
12	12.4	9.36	9.36
16	20.8	17.7	17.7
20	31.0	27.9	27.9

Other sizes available on application.

