

ARTHUR BEALE

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Artificial Hemp Data Sheet

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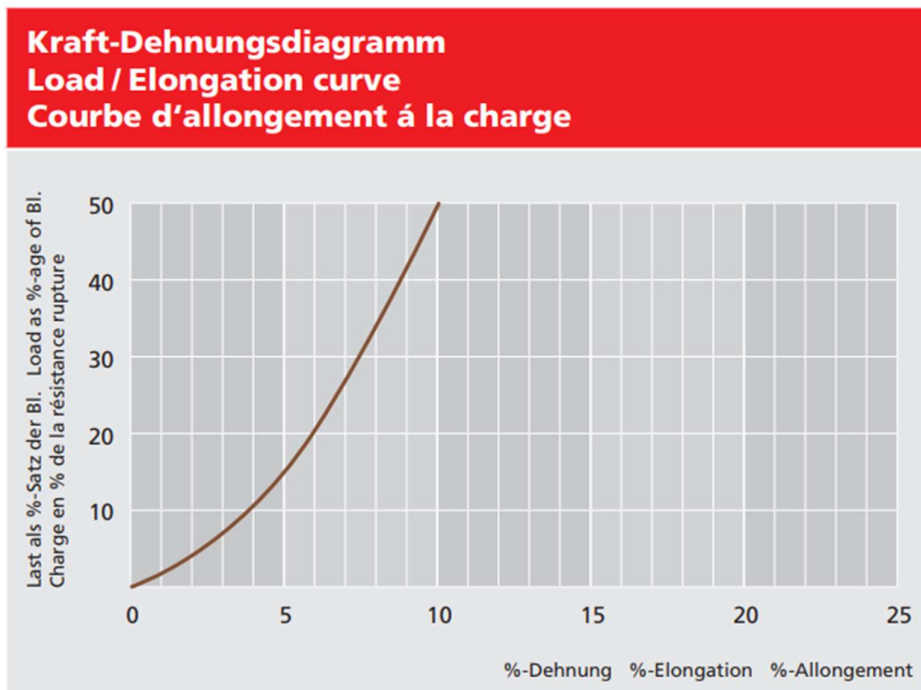
Manufacturers Technical Data – Weights and Breaking Strains

Technische Daten Technical data Paramètres techniques			
Ø [mm]	kg/100 m	Bl. real [kN]*	Bl. linear [kN]**
3			
4			
5			
6	1,6	3,50	3,85
8	2,8	6,00	6,60
10	4,3	9,00	9,90
12	6,3	13,40	14,70
14	8,1	17,40	19,10
16	10,4	21,80	24,00
18	13,0	27,30	30,00
20	16,0	34,20	37,60
22	19,0	41,00	45,10
24	23,0	48,30	53,10

Artificial Hemp Data Sheet

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Manufacturers Technical Data – Elongation Curve



- * Bruchlast im Spleiß
Spliced break load
Résistance rupture sur épissure
 - ** Bruchlast nach DIN EN ISO 2307
Break load in accordance with DIN EN ISO 2307
Résistance rupture selon la norme DIN EN ISO 2307
-

Artificial Hemp Data Sheet

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Arthur Beale's Catalogue Description

ARTIFICIAL HEMP



Artificial Hemp Often referred to as Hempex or Hardy Hemp. This very popular economically priced rope is extremely hard to tell from real hemp. It feels and looks identical yet has the major advantage of being rot proof and unaffected by water. For these reasons it is often chosen as a decorative rope and is widely used by the film and theatre industries. It is also probably the easiest rope to splice as the strands are heat set and remain in shape when the rope is split apart. It is a very lightweight line which means it will float on water making it perfect for applications such as dinghy painters and river boat mooring warps which won't get tangled in your prop, mooring bridles which need to be picked up on the water and for throw lines. It also has excellent insulation properties so it is ideal for hauling lines in close proximity to high voltage cables. *Technical Specification: Stretch approximately 5% at 20% of breakload.*

Features ✓ Floats ✓ Excellent insulation properties ✓ Looks identical to real hemp ✓ Economically priced ✓ UV treated ✓ Traditional look ✓ Good knot holding ✓ Rot proof ✓ Soft feel ✓ Very easy to splice

Main Uses Rescue Lines. Decorative ropes. Dinghy painters. Garden fencing. Handrail ropes. Barrier ropes. Floating mooring and pick-up lines. General purpose rope for Scouts etc. Hauling lines near high voltages. Film and theatre industries needing a traditional looking rope. Splicing instruction. Swimming pool lane barriers.

Artificial Hemp			prices per metre			
Diameter	breaking load	code	reel length	1-9 m	10-reel	reel +
4 mm	200 kg	ROP3PP4C	200 m	£0.39	£0.22	£0.17
6 mm	360 kg	ROP3PP6C	100 m	£0.43	£0.25	£0.18
8 mm	600 kg	ROP3PP8C	100 m	£0.70	£0.40	£0.30
10 mm	900 kg	ROP3PP10C	100 m	£1.02	£0.58	£0.44
12 mm	1,340 kg	ROP3PP12C	100 m	£1.29	£0.86	£0.64
14 mm	1,740 kg	ROP3PP14C	100 m	£1.58	£1.05	£0.79
16 mm	2,180 kg	ROP3PP16C	100 m	£1.99	£1.33	£0.99
18 mm	2,730 kg	ROP3PP18C	100 m	£2.49	£1.66	£1.24
20 mm	3,420 kg	ROP3PP20C	100 m	£3.17	£2.11	£1.58
24 mm	4,830 kg	ROP3PP24C	100 m	£4.43	£2.95	£2.07
32 mm	10,400 kg	ROP3PP32C	50 m	£7.74	£5.16	£3.61
48 mm	16,000 kg	ROP3PP48C	50 m	£14.00	£11.20	£9.10