



2 6480 PHOENIX

ARTIKEL ITEM   CODE	090	130
MANTELMATERIAL MATERIAL SLEEVE   MATÉRIAL GAINÉ	POLYESTER	
KERNMATERIAL MATERIAL CORE   MATÉRIAL AME	DYNEEMA®	
SPEZIFIKATION CHARACTERISTIC		

NENNDURCHMESSER NOMINAL DIAMETER DIAMÈTRE NOMINAL	1,1 mm ± 0,1 mm	1,4 mm ± 0,15 mm
NENNGEWICHT NOMINAL WEIGHT PER METER POIDS MÉTRIQUE NOMINAL	0,95 g/m ± 0,10 g/m	1,45 g/m ± 0,15 g/m
HÖCHSTZUGKRAFT MIN. Ø BREAKING STRENGTH MIN Ø CHARGE DE RUPTURE MIN Ø	≥ 90 daN	≥ 130 daN
DEHNUNG BEI HZK MIN. ELONGATION AT MIN. BREAKING ALLONGEMENT À LA CHARGE DE RUPTURE MIN.	≤ 4,5 %	≤ 4,5 %
NENNDEHNUNG BEI (EINZELLOSE) NOMINAL ELONGATION AT (SINGLE LOT) ALLONGEMENT NOMINAL À (LOT INDIVIDUEL)		
5 daN	0,2 – 0,6 %	0,1 – 0,5 %
10 daN	0,4 – 0,9 %	0,2 – 0,7 %
15 daN	0,5 – 1,2 %	0,4 – 1,0 %
20 daN	0,7 – 1,4 %	0,5 – 1,2 %
25 daN	0,9 – 1,6 %	0,6 – 1,4 %
50 daN	1,7 – 2,3 %	1,2 – 2,0 %
75 daN	2,4 – 3,1 %	1,6 – 2,4 %
100 daN		1,9 – 2,7 %

Technische Änderungen vorbehalten | Subject to change technical data without notice | Sauf changements techniques

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- ungeflochtener Dyneema® Kern mit feinem Polyester Mantel
- perfektes Handling durch Thermo Shield Behandlung
- optimale Flexibilität und Formstabilität mit minimiertem Strömungswiderstand durch Compact-Braid
- geringe Mantelverschiebung
- minimaler Schrumpf

Farben und MOQ siehe aktuelle Preisliste

- *unbraided Dyneema® core with smooth polyester sheath*
- *Thermo Shield treatment for perfect handling*
- *optimal flexibility and shape retention with minimised flow resistance due to COMPACT braid*
- *minimal sheath slippage*
- *minimal shrinkage*

*Colors and MOQ please refer actual pricelist*

	<p>Used by EDELRID for 20 years, this is a thermal finishing process which evenly and permanently stabilizes yarns against shrinkage. The individual yarns thereby form an even, stable unit giving the line its characteristic suppleness.</p>
	<p>Dry Shield is a top-quality finish for yarns and lines. It provides hydrophobic and oleophobic protection, enabling the yarns treated to repel water, oily substances and dirt on a permanent basis. This also optimises the handling and service life of lines.</p>
	<p>The UV Shield process is used to give the ropes a special UV-resistant coating. Harmful UV light is absorbed by ultrafine inorganic UV absorbers with a particle size of approx. 300 nm (3 x 10<sup>-7</sup>m). This has a very positive effect on the life and resistance of the lines, especially those made with very UV-sensitive materials.</p>
	<p>The SPLICEACT product attribute is the guarantee of a line with outstanding splicing properties, ensured by the balance between the yarns used in conjunction with the design parameters.</p>
	<p>The COMPACT feature represents the best possible performance due to a compact, smooth mantle texture. By optimising the materials used, the best possible diameter and air resistance are achieved. These lines also have outstanding wear resistance and suppleness, with permanent dimensional stability.</p>
	<p>PROTECT lines are characterised by the use of the highest quality materials and the best possible finishing processes, guaranteeing outstanding resistance to wear and abrasion. This excellent wear resistance significantly increases the life of the products.</p>
	<p>In products characterised by this feature the tendency of the textile materials to shrink has been fully anticipated, ensuring long-term length stability. These lines are particularly suited to areas of application where maximum stretch is considered an advantage.</p>
	<p>Products with this attribute are subjected to controlled preshrinking to produce a balanced stretch behaviour. These lines are particularly suited to areas of application which call for very little stretch and where wide variations in temperature and humidity can be excluded as far as possible.</p>
	<p>The STRETCHACT process stretches the lines in an optimally-adjusted ratio, anticipating the natural properties of the material to guarantee products with outstanding stretch and recovery properties. Our claim, your satisfaction: the minimum possible stretch with outstanding recovery characteristics.</p>