

LACES FOR SHOES, BOOTS AND CLOSURE SYSTEMS

HIGH-TECH SHOELACES

Custom made shoelaces and shoestrings for safety, firefighting, hiking, snowboard, and leisure footwear as well as a variety of closure systems – TEUFELBERGER has the right laces for all of your needs.

TEUFELBERGER has specialized in the production of shoelaces and cords for closure systems for many years and offers customers solutions geared to their needs. With the aim of offering the right lace systems for your products, we continue to develop and broaden our range of high tech laces.

We subject any new shoelaces to extensive real-life testing before we debut them on the market. By linking our rope making expertise to feedback from knowledgeable users, we are able to develop and deliver superior products that are of great benefit to our customers.

Standard laces for closure systems

We offer standard laces specially engineered for the use in closure systems. Our product portfolio ranges from shoelaces for traditional leisure shoes to industrial safety and rescue footwear to sports footwear such as hik-

ing boots, snowboard boots and bike shoes. Our standard laces feature a Dyneema® core and a polyester cover.

Material	Ø		Weight		Min. breaking strength	
	mm	inch	g/m	lbs/100'	daN	lbf
Dyneema® / Polyester	1.0	1/32"	1.00	0.07	76	120
Dyneema® / Polyester	1.8	1/16"	2.52	0.17	120	275
Dyneema® / Polyester	2.5	3/32"	5.00	0.34	300	675
Dyneema® / Polyester	3.0	1/8"	7.00	0.47	500	1.125



WARNING

Using these products can entail risks. Do not use them for any other than the intended purposes. Especially, do not use them for personal protection or lifting purposes as specified in EU Directive 2006/42/EC, unless the products are clearly identified as suitable for such purposes under relevant standards. Customers shall make sure that persons using the products are familiar with their correct use and the necessary safety precautions. Keep in mind that any of these products can cause damage if incorrectly used, stored, cleaned, or overloaded. Check national safety regulations, industry recommendations, and standards for locally applicable requirements (e.g. choice of safety factors). Tested values with sewn termination are based on the seam pattern certified by TEUFELBERGER.

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CUSTOMIZED SOLUTIONS

In addition to our standard portfolio, we develop our products in cooperation with our customers in order to live up to the high expectations of every industry. For customized laces, individual combinations of constructions, materials, colors and termination are engineered to meet the requirements of each customer.

Constructions



Kernmantle with traditional pattern



Kernmantle with TPT pattern



Hollowbraid with traditional pattern



Hollowbraid with TPT pattern

Materials

We offer a variety of materials including high-tech fibers for our laces. These materials can be used for core and/or cover.

- ✓ Polyester
- ✓ Polyamide
- ✓ Dyneema®
- ✓ UHMWPE
- ✓ Polypropylen
- ✓ Aramid

Finalization

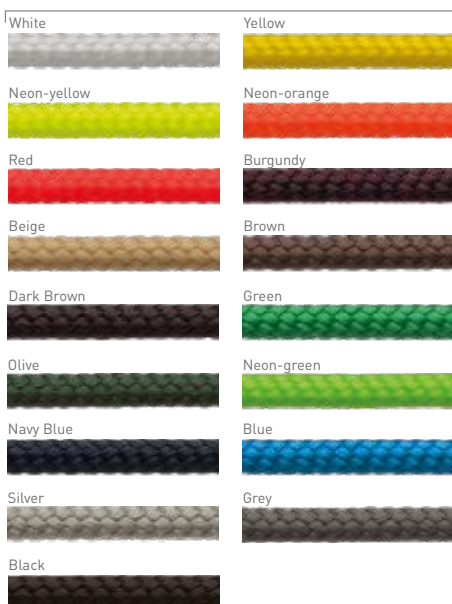
At TEUFELBERGER we aim to ease product processes for our customers. That's why we offer different possibilities to finalize and terminate the laces. Customers get a ready-made product that can be used in shoe production without further processing.

- ✓ Coating (abrasion-resistance, heat-resistance, color...)
- ✓ Cutting to customized length from 36 up to 240 cm
- ✓ End tipping with plastic tips
- ✓ Sewing endless loops

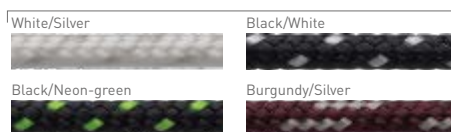
Colors

We offer a wide range of colors as well as color combinations for our laces depending on the material used. Additional colors are available on request.

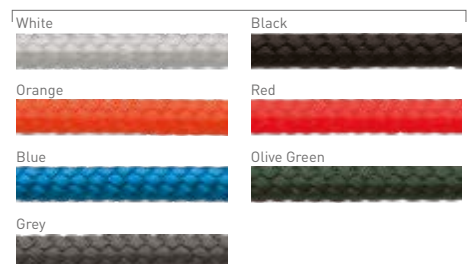
Polyester Solid Color



Polyester Color Combinations



Polyamide



Aramid



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If you are looking for suitable high-tech laces for your shoes and closure systems, please do not hesitate to contact us: fiberrope@teufelberger.com

