



Profilen[®] HE – No. 30

The experts choice for functional textiles



Outdoor textiles are expected to last for many years. Gütermann offers a special thread made of polytetrafluorethylene (PTFE) from Lenzing AG. This product has very good temperature-, ultra-violet light- and chemical resistance and it shows high breaking strength and abrasive resistance.

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Gütermann

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100 % PTFE special thread

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Technical properties	
Raw material	100 % Polytetrafluorethylene (PTFE), type 215/3 N
Construction	450 dtex x 3
Count	$\bar{x}$ = 1.350 dtex = approx. No. 30
Breaking strength	$\bar{x}$ = 3.000 cN
Breaking extension	$\bar{x}$ = 17 %
Thermal shrinkage	< than 3 % (at 200 °C)
	®registered trademark of Lenzing AG
Benefits	This sewing thread in PTFE is ideal for making marquees or outdoor textiles that are exposed throughout the year to wind and weather, ultraviolet rays, acid rain and harmful gases. Seam durability is not affected by the extra abrasion caused when the marquee is erected and taken down because this PTFE thread is extremely resistant to abrasion. It is chemically stable and its extension and strength are such that a seam durability guarantee can be given on request.
Sewing Information	Count dtex 1350, continuous, corresponds approximately to No. 30. We therefore recommend the use of a needle in size NM 110 to 120 with a round shape. As a result of their finish, some types of marquee fabric may leave deposits on the needle which may clog up the eye and groove of the needle. The use of a Blukold needle can help to reduce this problem. Sewing speeds: up to approx. 2,500 revolutions depending on machine type.
Make up	The thread is supplied on kingspools with thread retention lip. Thread length is approx. 3.300 m which corresponds to a weight of 0,450 kg. Delivery and price are based on units of 1 carton containing 6 spools.
Colours	PROFILER® No. 30 is available in pearly grey, red, yellow and blue. Minimum quantity for special dyeing is 30 kg. Delivery: approx. 4 weeks.
EG origin	The raw material and thread are produced in Austria. As a product of EU origin PROFILER® No. 30 enjoys preferential tariffs.
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