



Anti-static thread

The sewing thread for security and antistatic footwear



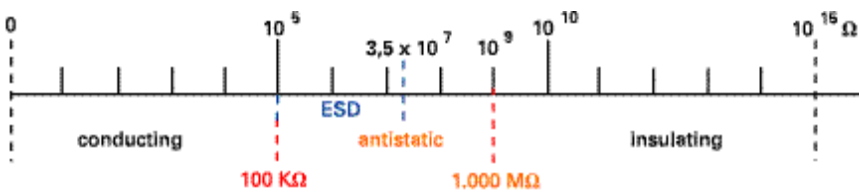
These special articles are based on a polyamide thread in Nm 30/3 and Nm 60/3 respectively and guarantee a durable seam that withstands abrasion. The conductive component is a mixture of stainless steel and wrapped polyester.

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	Anti-static thread 30/4	Anti-static thread 60/4
Technical properties:	Nm 30/4	Nm 60/4
Raw material	PA 6.6 high tenacity + metal thread	PA 6.6 high tenacity + metal thread
Count	312 dtex x 4	156 dtex x 4
Method of test EN ISO 2060		
Breaking strength	$\bar{x} = 5.500 \text{ cN}$	$\bar{x} = 2.300 \text{ cN}$
Method of test EN ISO 2062		
Breaking extension	$\bar{x} = 15 - 25 \%$	$\bar{x} = 17 - 23 \%$
Method of test EN ISO 2062		
Applications	Protective footwear	
Make up	On kingspools of 3.500 m (30/4) and 7.000 m (60/4)	
Construction of thread	Material construction is polyamide 6.6 in Nm 30/3 and Nm 60/3 plus conductor element in polyester/stainless.	
Technological properties	Antistatic guarantee for protective footwear in accordance with DIN EN ISO 345-1 (Electrical resistance $\geq 100 \text{ k}\Omega \leq 1000 \text{ M}\Omega$) Very low volume resistance due to special twist construction. 	
Measuring station for antistatic properties	Description of the electrical flow resistance on a shoe according DIN EN 345-1	
Available colours	Undyed, other colours available on request	
	A product from the Gütermann-Zwicky range	
Worldwide distribution through	TEXON Möckmühl GmbH Roigheimerstr. 69 – 72 DE-74216 Möckmühl	Tel.: +49 6298 209-147 Fax: +49 6298 209-122
	www.guetermann.com Gütermann	

Headquarters: Gütermann AG
Zwicky & Co. GmbH
Perivale Gütermann Ltd.
Gütermann Polygal Mexicana S.A. de C.V.
Gütermann of America Inc.

| DE-79261 Gutach-Breisgau
| DE-66955 Pirmasens
| GB-Hayes, Middlesex UB4 0JR
| MX-Jiutepec, Morelos CP 62500
| US-Charlotte, NC 28217

| Tel.: +49 7681 21-0
| Tel.: +49 6331 2119-0
| Tel.: +44 20 858916-00
| Tel.: +52 777 32937-00
| Tel.: +1 704 52570-68

| Fax: +49 7681 21-449
| Fax: +49 6331 2119-29
| Fax: +44 20 858916-36
| Fax: +52 777 32937-22
| Fax: +1 704 52570-71

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