



Product range

Products for textile transportation containers



To sew flexible transportation containers a larger range of threads for specific applications with the following benefits is offered: high breaking strength and excellent abrasion resistance, optimal extension, knotfree despite large thread length, excellent sewing properties in high speed and multi-layer sewing operations. Silicone-free finish available on request.

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	PP 15/3	PP 20/3	Calora 11/3	Zwibond 13/3	Zwilon 13/3
Technical properties					
Raw material	Polypropylene	Polypropylene	100 % Polyester	Polyamide 6.6	Polyamide 6.6
Count					
Method of test EN ISO 2060	$\bar{x}$ = 2.200 dtex	$\bar{x}$ = 1.550 dtex	$\bar{x}$ = 2.700 dtex	$\bar{x}$ = 2.500 dtex	$\bar{x}$ = 2.300 dtex
Breaking strength					
Method of test EN ISO 2062	$\bar{x}$ = 10.800 cN	$\bar{x}$ = 8.000 cN	$\bar{x}$ = 17.500 cN	$\bar{x}$ = 14.500 cN	$\bar{x}$ = 14.500 cN
Breaking extension					
Method of test EN ISO 2062	$\bar{x}$ = 26 %	$\bar{x}$ = 26 %	$\bar{x}$ = 22 %	$\bar{x}$ = 20 %	$\bar{x}$ = 20 %
Application	textile transportation containers				
Make up	Kingspools and jumbo spools				
Technological benefits					
Polypropylene	• low silicone content • problem-free sewing • long-lasting seam strength				
Calora 11/3	• alkali and acid resistant • knotfree • long thread length • problem-free sewing • long-lasting seam strength				
Zwibond/Zwilon	• high breaking strength and abrasion resistance to cope with severe stress • treated with bonding agent for multi-directional sewing • knotfree • problem-free sewing • long-lasting seam strength				
Available colours	As requested by the customer				
	A product from the Gütermann-Zwicky range				
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