



Zwibond

The experts choice for multidirectional sewing

In counts 4 | 6 | 8 | 13 | 20 | 30 | 40 | 60



These continuous polyamide threads undergo special bonding treatment for extra stability. Their usage ranges from upholstered furniture and belts to airbags and parachutes.

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Zwibond 4 | 6 | 8 | 13 | 20 | 30 | 40 | 60

Polyamide 6.6 Continuous (bonded)

	Zwibond 4	Zwibond 6	Zwibond 8	Zwibond 13
Applications	Threading thread for chairs, upholsteries, slippers.	Threading thread for chairs, upholsteries, slippers.	Lifting-, stretcher-, cargo restraint belts, large taurpaulins, shoes, bags, upholsterer work (hand stitchings). Parachutes	Lifting-, stretcher-, cargo restraint belts, large taurpaulins, shoes, bags, upholsterer work (hand stitchings).
Advantages	Smooth surface makes it easy to pull the thread with an ideal adhesion when noding.	Smooth surface makes it easy to pull the thread with an ideal adhesion when noding.	Very high breaking- and abrasion strength for best seam strength. Due to internal-bonding high safety for automatic machine use. Very good sewability.	Very high breaking- and abrasion strength for best seam strength. Due to internal-bonding high safety for automatic machine use. Very good sewability.
Make-up				
Size	400 m	600 m	800 m	1.300 m
Shade range	Shade card Zwibond / Zwilon			
Needle size	Hand needles for pulling through	Hand needles for pulling through	NM 180 – 220 / 24 – 25	NM 150 – 180 / 23 – 24
Technology				
Count	No./Tkt.4 – dtex 7.500(3)-tex 750	No./Tkt.6 – dtex 5.000(4)-tex 500	No./Tkt.8 – dtex 3.750(3)-tex 375	No./Tkt.13 – dtex 2.300(3)-tex 230
Average breaking strength	over 36.000 cN	32.000 cN	23.800 cN	14.000 cN
Average breaking extension	20 %	22 %	20 %	20 %
Specials	Zwibond is an internally reinforced sewing thread, manufactured from continuous filament high tenacity polyamide 6.6 yarn, using an internal bonding process.			

	Zwibond 20	Zwibond 30	Zwibond 40	Zwibond 60
Applications	Airbags, taurpaulins, bags, backpacks, inflatable boats, belts, parachutes, shoes, leather articles.	Shoe- and leather articles, airbags, taurpaulins, bags, belts, parachutes.	Shoe- and leather articles, airbags, parachutes, car seats, upholsteries, technical fabrics, taurpaulins, mattresses.	Shoe- and leather articles, bags, taurpaulins, technical textiles, car seats.
Advantages	Very high breaking- and abrasion strength for best seam strength. Due to internal-bonding high safety for automatic machine use. Very good sewability.			
Make-up				
Size	2.000 m	3.000 m	4.000 m	6.000 m
Shade range	Shade card Zwibond / Zwilon			
Needle size	NM 120 – 140 / 19 – 22	NM 100 – 130 / 16 – 21	NM 90 – 110 / 14 – 18	NM 75 – 100 / 11 – 16
Technology				
Count	No./Tkt.20 – dtex 1.500 (3)-tex 150	No./Tkt.30 – dtex 1.000(3)-tex 100	No./Tkt.40 – dtex 750(3)-tex 75	No./Tkt.60 – dtex 500(3)-tex 50
Average breaking strength	10.500 cN	6.000 cN	4.800 cN	3.350 cN
Average breaking extension	20 %	19 %	20 %	20 %
Specials	Zwibond is an internally reinforced sewing thread, manufactured from continuous filament high tencity polyamide 6.6 yarn, using an internal bonding process.			

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