



COATS
nylbond
by Barbour



BONDED CF NYLON THREAD

Bonded for strength.
Bonded for speed.

COATS *nylbond*

High-speed leather sewing requires a thread of exceptional durability and strength. COATS *nylbond*™ is bonded, twisted Nylon 6,6 thread specially engineered to withstand needle heat and abrasion, and enable the sewing operator to confidently sew across seam joints and multiple leather thicknesses without reducing sewing speeds.

Key Benefit

Unique thread bonding technology for high productivity in aggressive, high-speed leather sewing operations.

Main Applications

- Leather shoes and boots
- Athletic footwear
- Upholstered furniture
- Luggage and sporting goods
- Web sling and tie downs
- Military supplies
- Computer stitching



Special Features

- High tensity Nylon 6,6 thread for outstanding strength and durability
- Unique bond chemistry and proprietary coating technology produces a strong and supple thread with no ply untwisting, no flaking and no "sew-in" color change
- Special dual level lube finish for higher temperature resistance and smooth operation through the needle eye without breaks, chips or staining
- Good loop formation, balanced tensions and strong stitching
- Environmentally friendly water-based bonding method with no VOC emissions



Technical Data – COATS nylbond

Bonded, twisted, continuous filament Nylon 6,6 thread

Size	Tex	Gov't VT295	Average Strength (Lbs)	Approx. Yield (Yds/Lb)	Needle Size
HB 33	30	AA	4.5	11,160	12-14
HB 46	45	B	7	8,580	14-18
HB 69	70	E	12.5	6,110	16-19
HB 92	90	F	15.5	4,460	19-22
HB 99	90		16	4,460	19-22
HB 138	135	FF	23.5	3,180	22-25
HB 207	210	3	37	1,930	25-27
HB 277	270	4	47	1,450	27-28
HB 346	350	5	57	1,160	
HB 415	400	6	70	930	
HB 554	550	7	90	690	
HB 693	700	8	115	550	

1. All sizes available in 4 oz., 8 oz., 16 oz. and 32 oz. King spools.
Case pack: 40 lbs. minimum dyelot 32 lbs. per color
2. COATS nylbond meets government military specification VT 295 types I, II and III
3. *Right twist* threads also available in lower sizes for twin-needle machine operations, subject to 200-lb. minimum order.
4. Special heat-resistant finishes available.
5. Average elongation = 21%

COATS nylbond belbobs & barbobs

nylbond belbobs - shell-less bobbins with core

nylbond barbobs - shell and core bobbins

Size	Style	Yards per belbob	Yards per barbob
HB 33	L	-	48
HB 46	G	44	40
	J	68	-
	L	35	-
HB 69	A	-	25
	G	31	25
	J	46	-
	L	24	-
	M	45	41
HB 92	R	50	-
	19	11*	-
	G	23	18
	M	33	-
	4W	84	-
HB 138	G	15	12
	M	21	-
HB 207	A	-	8
	33	28	-
HB277	33	23	-
	55	21	-
	58	26	-
HB 346	X	63	-
HB 415	X	48	-
	41	50	-
HB 554	X	40	-

* Indicates hambobs

Notes: Only a few popular bobbin styles and tex sizes are listed here. All yardages are approximate and for bonded colors. White yardage is higher. Packing: 1 gross (144)/box Minimum custom order: 30 gross (case pack) per color.





Typical Applications by Thread Size

Fine	Medium	Heavy	Extra Heavy
Tex 33	Tex 46, 69, 92, 99	Tex 138, 207, 277	Tex 346, 415, 554, 693
Disposable garments	Ladies' shoes	Men's boots	Work boot uppers
Non-luster embroidery	Brown shoes and boots	Decorative stitching	Cup sole stitching
Infants/Children's shoes	Athletic footwear	Sporting goods	Inseaming
High-fashion women's footwear	Computer stitching	Luggage	Lift slings and tie downs
	Upholstered furniture	Military supplies	Goodyear sole stitching
		Heavy-duty upholstery	Cargo netting

Chemical Properties of Nylon 6,6

- Melting point 485°F (250°C)
- Unaffected by mildew, rot and perspiration
- Good resistance to alkalis and weak acids
- Poor bleach resistance
- Special UV inhibitors required for sunlight protection
- Moisture regain 4.5%
- Specific gravity 1.14

Colorfastness

A wide range of dyestuffs can be used to specially tailor COATS *nylbond* to special colorfastness requirements, including vinyl-fastness. Please contact Coats Technical Advisory Service for more details.



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COATS *nylbond*® thread comes to you from the World of Coats, the world's largest supplier of industrial thread products. We have the unique ability to service our customers anywhere in the world with our global product offering, innovative technical solutions, creative ideas and superior customer service. All Coats products are backed by Coats Technical Service, which gives you expert, on-the-spot advice on your sewing problems, absolutely free of cost. www.coats.com