



## Braided Lacing Tapes

### Type I - Braided Nylon Lacing Tape (A-A-52080 MIL-T-43435) **TECHFLEX PART #LT1-S1-FA-NT**

Temperature: -67F to 250F (-55C to 121C). Discolors at 300F(148C). Melts at 480F(248C).

Colors: Natural (off-white) and Black. Others available as special order.

Put-Up: Sizes 1 and 2, 250 Yards/Spool All others 500 Yards/Spool

Style #	Width		Thickness		Breaking Strength	Size
	in Inches		in Inches			
	Min	Max	Min	Max	(Lbs, min)	
26	0.180	0.220	0.013	0.019	135	1
23	0.099	0.121	0.012	0.018	80	2
18	0.077	0.094	0.01	0.017	50	3
22	0.054	0.066	0.009	0.015	25	4
20	0.045	0.055	0.006	0.014	15	5
21	0.056	0.068	0.005	0.011	20	N/A
15	0.029	0.035	0.001	0.009	7	N/A

#### Available Finishes:

Gudebrod Finish	Description	Finish
U	Untreated, Natural nylon braided tape	A
W	Wax Impregnated, Good Handling	B
H	Synthetic Rubber, Excellent Knot Retention	C
R	Vinyl, Soft, Abrasion Resistant Finish	E
B	Polyamide (Nylon). Resistant to oils and other chemicals such as skydrol, methanol, Freon, etc.	G

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**Type II - Braided Polyester Lacing Tape (A-A-52081 MIL-T-43435)**  
**TECHFLEX PART #LT2-S1-FA-RD**

Temperature: -100F to 350F (-73C to 177C). Melts at 482F(250C).  
 Colors: Natural (off-white) and Black. Others available as special order.  
 Put-Up: Sizes 1 and 2, 250 Yards/Spool All others 500 Yards/Spool

Style #	Width		Thickness		Breaking Strength (Lbs, min)	Size
	in Inches		in Inches			
	Min	Max	Min	Max		
26D	0.180	0.220	0.013	0.019	135	1
23D	0.099	0.121	0.012	0.018	80	2
18D	0.077	0.094	0.011	0.017	50	3
22D	0.054	0.066	0.009	0.015	25	4
21D	0.045	0.055	0.006	0.014	15	5
20D	0.043	0.053	0.004	0.010	12	N/A
15D	0.029	0.035	0.001	0.008	7	N/A

Available Finishes:		
Gudebrod Finish	Description	Finish
U	Untreated, Natural nylon braided tape	A
W	Wax Impregnated, Good Handling	B
H	Synthetic Rubber, Excellent Knot Retention	C
Z	Synthetic Rubber, Flame Retarded. Use where flammability is a concern. Excellent Knot Retention	C
PTH	Synthetic Rubber, Low Outgassing. Use for other space applications. NASA approved. (NTL color only)	C
R	Vinyl, Soft, Abrasion Resistant Finish	E
B	Polyamide (Nylon). Resistant to oils and other chemicals such as skydrol, methanol, Freon, etc.	G

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**Type III - Braided Teflon Lacing Tape (A-A-52082 MIL-T-43435)****TECHFLEX PART #LT3-S2-FA-BR**

Temperature: -350F to 550F (-177C to 288C). Melts at 620F(327C).

Colors: Natural (dark brown) Teflon fiber cannot be colored or dyed.

Put-Up: Size 2, 250 Yards/Spool All others 500 Yards/Spool

Style #	Width		Thickness		Breaking Strength (Lbs, min)	Size
	in Inches		in Inches			
	Min	Max	Min	Max		
256	0.108	0.132	0.009	0.014	30	2
231	0.059	0.072	0.009	0.014	15	4
230	0.028	0.034	0.025	0.031	14	N/A
302	0.010 Nom Diam.	-	-	-	4	N/A

**Available Finishes:**

Gudebrod Finish	Description	Finish
U	Untreated, Natural nylon braided tape	A
H	Synthetic Rubber, Excellent Knot Retention	C

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**Type IV - Braided Fiberglass Lacing Tape (A-A-52083 MIL- T-43435)**  
**TECHFLEX PART #LT4-S1-FD-NT**

Temperature: -67F to 800F (-55C to 427C). Softens at 1350F to 1540F (732C to 877C).  
 Colors: Natural (white) Fiberglass cannot be dyed, but the finish may be pigmented black..

Put-Up: Sizes 1 and 2, 250 Yards/Spool All others 500 Yards/Spool

Style #	Width		Thickness		Breaking Strength (Lbs, min)	Size
	in Inches		in Inches			
	Min	Max	Min	Max		
26X	0.203	0.248	0.013	0.019	200	1
23X	0.099	0.121	0.013	0.019	100	2
18X	0.077	0.094	0.013	0.019	75	3
22X	0.054	0.066	0.013	0.019	50	4
21X	0.068	0.083	0.012	0.018	70	N/A

Available Finishes:		
Gudebrod Finish	Description	Finish
U	Untreated, Natural nylon braided tape	A
Z	Synthetic Rubber, Excellent Knot Retention	C
T	Teflon, Improved Abrasion Resistance	D
S	Silicone, Improved Knot Retention	F

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**Type V - Braided Nomex Lacing Tape (A-A-52084 MIL-T-43435)****TECHFLEX PART #LT5-S1-FA-NT**

Temperature: -67F to 500F (-55C to 260C). Decomposes at 700F (371C).

Colors: Natural (off-white) with OD (olive drab) tracer. Others (to include tapes without tracer strand) are available as special orders. Color consistency cannot be guaranteed as Nomex is considered a non-dyable yarn.

Put-Up: Sizes 1 and 2, 250 Yards/Spool All others 500 Yards/Spool (1342 250 Yards ONLY)

Style #	Width		Thickness		Breaking Strength (Lbs, min)	Size
	in Inches		in Inches			
	Min	Max	Min	Max		
726	0.180	0.220	0.013	0.019	85	1
723	0.099	0.121	0.011	0.017	50	2
718	0.068	0.083	0.009	0.015	35	3
722	0.050	0.061	0.007	0.013	25	4
1342	0.081	0.099	0.017	0.023	70	N/A
946	0.012 nom. diam.	0.012 nom. diam.	-	-	5	N/A

**Available Finishes:**

Gudebrod Finish	Description	Finish
U	Untreated, Natural nylon braided tape	A
W	Wax Impregnated, Good Handling	B
H	Synthetic Rubber, Excellent Knot Retention	C
Z	Synthetic Rubber, Flame Retardant, Excellent Knot Retention Properties	C
S	Silicone, Improved Knot Retention	F
G	Polyamide (Nylon). Improved Fluid Resistance	G

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## Tuf-Test Non Braided Lacing Tape

Temperature: -67F to 250F (-55C to 121C).

Colors: Natural (off-white)

Put-Up: Spools or Bobbins (36/box) as indicated

Finish: Fungicidal, Microrocrystalline wax, 24-40%

Style #	Width	Thickness	Breaking Strength (Lbs. Min.)	Spool Quantity	Bobbin Quantity
	in Inches	in Inches			
70	0.090 nom.	0.019	70	750 yds.	60 ft.
50	0.070 nom.	0.016	50	1000 yds.	90 ft.
35	0.062 nom.	0.013	35	1000 yds.	135 ft.

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## Accessories - Guide-Pins Wire Holding Pins

Gudebrod Wire Holding Pins are specially designed for harness work. Pins are made from case-hardened blued steel, resist bending, and can be used over and over again. Each pin is precision pointed for easy insertion into the harness board. Rounded heads prevent wire damage and injury to hands and skin. Gude-Pins are available in seven sizes ranging from 1.18 inches (30mm) to 4.0 inches (10.2mm) in length, and in various diameters - letter coded from (the smallest) A thru (the Largest) G.

Code	Item Number	Dimensions	
		Diameter x Length (inches)	Diameter x Length (mm)
A	040000015	0.060 x 1.18	1.50 x 30
B	040000016	0.080 x 1.40	2.00 x 35
C	040000017	0.080 x 2.00	2.00 x 50
D	040000018	0.100 x 2.40	2.50 x 60
E	040000019	0.100 x 2.80	2.50 x 70
F	040000020	0.120 x 3.13	3.00 x 80
G	040000021	0.160 x 4.00	4.00 x 100

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