

- **Type I**
Polyamide (Nylon)
Lacing Tape
-67°F to 250°F
(-55°C to 121°C)
- **Type II**
Polyester (Dacron)
Lacing Tape
-99°F to 350°F
(-73°C to 177°C)
- **Type III**
TFE-Fluorocarbon (Teflon)
Lacing Tape
-99°F to 450°F
(-73°C to 232°C)
- **Type IV**
Fiberglass (Glass)
Lacing Tape
-67°F to 800°F
(-55°C to 427°C)
- **Type V**
Meta Aramid (Nomex)
Lacing Tape
-67°F to 500°F
(-55°C to 260°C)
- **MIL-T-43435**

Cable Lacing - Inexpensive Method of Wire Dressing

While cable ties are the most common method of wire dressing, there is an alternate method known as cable lacing. This method has been used on aircraft, ships, and military equipment for many years.

Lacing Tape meets Military Specification MIL-T-43435 and is made of braided Nylon, Polyester, TFE-Fluorocarbon, Fiberglass or Flexo NX.

The basic concept of lacing is to use a flat cord to tie the cable bundle together. While lacing may be somewhat of a lost art - it's easy to learn, and you will be lacing your bundling projects in no time.

Why lacing tape? Lasts longer than cable ties. Cable ties turn brittle and degrade over time due to environmental exposure and loss of plasticizers. A roll of lacing tape can manage any size cable bundle, from a couple of 22AWG wires to a fistful of heavy power cables.

Cable ties leave a sharp edge where the tail was cut off that can snag or get hung up. Some applications such as aerospace and aviation may specify laced harnesses as a design requirement. Lacing tape is ideal for lashing wires or cables to ladder bars, conduit and other wire management solutions.

Unlike cable ties, the insulation on wires bundled with lacing tape has less chance of cold flowing and shorting. No sharp edges to cut installer's hands when reaching into a tightly packed wiring cavity. Lacing tape is available in a wide range of materials, sizes and finishes to accommodate any engineering requirement.

MIL Finishes:

- Finish A = No Finish
- Finish B = Wax
- Finish C = Synthetic Elastomer (Rubber) Finish
- Finish D = TFE-Fluorocarbon Finish
- Finish G = Liquid Nylon®

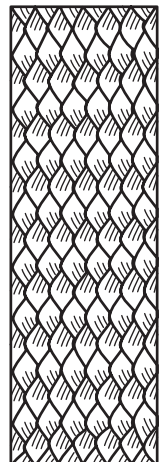


Cut Cleanly
Scissors

Cable lacing - easy to learn, quite inexpensive, looks more attractive, and is a superior method of bundling wires in your boat.

Colors Available:

- Natural (NT), Red (RD), Brown (BR), Black (BK).





	Part #	Mil Spec	Material	Mil Spec Size	Break Strength	Width		Thickness		Bulk Spool	Available Colors
						Min	Max	Min	Max		
No Finish FINISH A	LT1-S1-FA-**	A-A-52080 MIL-T-43435 TYPE I	Nylon	1	135lbs	.180"	.220"	.013"	.019"	750'	NT & BK
	LT1-S2-FA-**	A-A-52080 MIL-T-43435 TYPE I	Nylon	2	80lbs	.099"	.121"	.012"	.018"	750'	NT & BK
	LT1-S3-FA-**	A-A-52080 MIL-T-43435 TYPE I	Nylon	3	50lbs	.077"	.094"	.011"	.017"	1,500'	NT & BK
	LT1-S4-FA-**	A-A-52080 MIL-T-43435 TYPE I	Nylon	4	25lbs	.054"	.066"	.009"	.015"	1,500'	NT & BK
	LT1-S5-FA-**	A-A-52080 MIL-T-43435 TYPE I	Nylon	5	15lbs	.045"	.055"	.006"	.014"	1,500'	NT & BK
Wax Finish FINISH B	LT1-S1-FB-**	A-A-52080 MIL-T-43435 TYPE I	Nylon	1	135lbs	.180"	.220"	.013"	.019"	750'	NT & BK
	LT1-S2-FB-**	A-A-52080 MIL-T-43435 TYPE I	Nylon	2	80lbs	.099"	.121"	.012"	.018"	750'	NT & BK
	LT1-S3-FB-**	A-A-52080 MIL-T-43435 TYPE I	Nylon	3	50lbs	.077"	.094"	.011"	.017"	1,500'	NT & BK
	LT1-S4-FB-**	A-A-52080 MIL-T-43435 TYPE I	Nylon	4	25lbs	.054"	.066"	.009"	.015"	1,500'	NT & BK
	LT1-S5-FB-**	A-A-52080 MIL-T-43435 TYPE I	Nylon	5	15lbs	.045"	.055"	.006"	.014"	1,500'	NT & BK
Synthetic Rubber FINISH C	LT1-S1-FC-**	A-A-52080 MIL-T-43435 TYPE I	Nylon	1	135lbs	.180"	.220"	.013"	.019"	750'	NT & BK
	LT1-S2-FC-**	A-A-52080 MIL-T-43435 TYPE I	Nylon	2	80lbs	.099"	.121"	.012"	.018"	750'	NT & BK
	LT1-S3-FC-**	A-A-52080 MIL-T-43435 TYPE I	Nylon	3	50lbs	.077"	.094"	.011"	.017"	1,500'	NT & BK
	LT1-S4-FC-**	A-A-52080 MIL-T-43435 TYPE I	Nylon	4	25lbs	.054"	.066"	.009"	.015"	1,500'	NT & BK
	LT1-S5-FC-**	A-A-52080 MIL-T-43435 TYPE I	Nylon	5	15lbs	.045"	.055"	.006"	.014"	1,500'	NT & BK
No Finish FINISH A	LT2-S1-FA-**	A-A-52081 MIL-T-43435 TYPE II	Polyester	1	135lbs	.180"	.220"	.013"	.019"	750'	NT & BK
	LT2-S2-FA-**	A-A-52081 MIL-T-43435 TYPE II	Polyester	2	80lbs	.099"	.121"	.012"	.018"	750'	NT & BK
	LT2-S3-FA-**	A-A-52081 MIL-T-43435 TYPE II	Polyester	3	50lbs	.077"	.094"	.011"	.017"	1,500'	NT & BK
	LT2-S4-FA-**	A-A-52081 MIL-T-43435 TYPE II	Polyester	4	25lbs	.054"	.066"	.009"	.015"	1,500'	NT & BK
	LT2-S5-FA-**	A-A-52081 MIL-T-43435 TYPE II	Polyester	5	15lbs	.045"	.055"	.006"	.014"	1,500'	NT & BK
Wax Finish FINISH B	LT2-S1-FB-**	A-A-52081 MIL-T-43435 TYPE II	Polyester	1	135lbs	.180"	.220"	.013"	.019"	750'	NT, RD, & BK
	LT2-S2-FB-**	A-A-52081 MIL-T-43435 TYPE II	Polyester	2	80lbs	.099"	.121"	.012"	.018"	750'	NT, RD, & BK
	LT2-S3-FB-**	A-A-52081 MIL-T-43435 TYPE II	Polyester	3	50lbs	.077"	.094"	.011"	.017"	1,500'	NT, RD, & BK
	LT2-S4-FB-**	A-A-52081 MIL-T-43435 TYPE II	Polyester	4	25lbs	.054"	.066"	.009"	.015"	1,500'	NT, RD, & BK
	LT2-S5-FB-**	A-A-52081 MIL-T-43435 TYPE II	Polyester	5	15lbs	.045"	.055"	.006"	.014"	1,500'	NT, RD, & BK
Synthetic Rubber FINISH C	LT2-S1-FC-**	A-A-52081 MIL-T-43435 TYPE II	Polyester	1	135lbs	.180"	.220"	.013"	.019"	750'	NT, RD, & BK
	LT2-S2-FC-**	A-A-52081 MIL-T-43435 TYPE II	Polyester	2	80lbs	.099"	.121"	.012"	.018"	750'	NT, RD, & BK
	LT2-S3-FC-**	A-A-52081 MIL-T-43435 TYPE II	Polyester	3	50lbs	.077"	.094"	.011"	.017"	1,500'	NT, RD, & BK
	LT2-S4-FC-**	A-A-52081 MIL-T-43435 TYPE II	Polyester	4	25lbs	.054"	.066"	.009"	.015"	1,500'	NT & BK
	LT2-S5-FC-**	A-A-52081 MIL-T-43435 TYPE II	Polyester	5	15lbs	.045"	.055"	.006"	.014"	1,500'	NT, RD, & BK
TFE FINISH D	LT4-S1-FD-NT	A-A-52083 MIL-T-43435 TYPE IV	Fiberglass	1	200lbs	.203"	.248"	.013"	.019"	750'	Natural (NT)
	LT4-S2-FD-NT	A-A-52083 MIL-T-43435 TYPE IV	Fiberglass	2	100lbs	.099"	.121"	.013"	.019"	750'	Natural (NT)
	LT4-S3-FD-NT	A-A-52083 MIL-T-43435 TYPE IV	Fiberglass	3	75lbs	.077"	.094"	.013"	.019"	1,500'	Natural (NT)
	LT4-S4-FD-NT	A-A-52083 MIL-T-43435 TYPE IV	Fiberglass	4	50lbs	.054"	.066"	.013"	.019"	1,500'	Natural (NT)



	Part #	Mil Spec	Material	Mil Spec Size	Break Strength	Width		Thickness		Bulk Spool	Available Colors
						Min	Max	Min	Max		
No Finish FINISH A	LT3-S2-FA-BR	A-A-52082 MIL-T-43435 TYPE III	TFE-Fluorocarbon	2	30lbs	.108"	.132"	.009"	.014"	750'	Brown (BR)
	LT3-S4-FA-BR	A-A-52082 MIL-T-43435 TYPE III	TFE-Fluorocarbon	4	15lbs	.059"	.072"	.009"	.014"	1,500'	Brown (BR)
No Finish FINISH A	LT5-S1-FA-NT	A-A-52084 MIL-T-43435 TYPE V	Flexo NX	51	85lbs	.180"	.220"	.013"	.019"	750'	Natural (NT)
	LT5-S2-FA-NT	A-A-52084 MIL-T-43435 TYPE V	Flexo NX	2	50lbs	.099"	.121"	.011"	.017"	750'	Natural (NT)
	LT5-S3-FA-NT	A-A-52084 MIL-T-43435 TYPE V	Flexo NX	3	35lbs	.068"	.083"	.009"	.015"	1,500'	Natural (NT)
	LT5-S4-FA-NT	A-A-52084 MIL-T-43435 TYPE V	Flexo NX	4	25lbs	.050"	.061"	.007"	.013"	1,500'	Natural (NT)
Synthetic Rubber FINISH C	LT5-S1-FC-NT	A-A-52084 MIL-T-43435 TYPE V	Flexo NX	1	85lbs	.180"	.220"	.013"	.019"	750'	Natural (NT)
	LT5-S2-FC-NT	A-A-52084 MIL-T-43435 TYPE V	Flexo NX	2	50lbs	.099"	.121"	.011"	.017"	750'	Natural (NT)
	LT5-S3-FC-NT	A-A-52084 MIL-T-43435 TYPE V	Flexo NX	3	35lbs	.068"	.083"	.009"	.017"	1,500'	Natural (NT)
	LT5-S4-FC-NT	A-A-52084 MIL-T-43435 TYPE V	Flexo NX	4	25lbs	.050"	.061"	.007"	.013"	1,500'	Natural (NT)
Liquid Nylon® FINISH G	LT5-S1-FG-NT	A-A-52084 MIL-T-43435 TYPE V	Flexo NX	1	85lbs	.180"	.220"	.013"	.019"	750'	Natural (NT)
	LT5-S2-FG-NT	A-A-52084 MIL-T-43435 TYPE V	Flexo NX	2	50lbs	.099"	.121"	.011"	.017"	750'	Natural (NT)
	LT5-S3-FG-NT	A-A-52084 MIL-T-43435 TYPE V	Flexo NX	3	35lbs	.068"	.083"	.009"	.017"	1,500'	Natural (NT)
	LT5-S4-FG-NT	A-A-52084 MIL-T-43435 TYPE V	Flexo NX	4	25lbs	.050"	.061"	.007"	.013"	1,500'	Natural (NT)

© 2021 Techflex® - Any unauthorized reproduction, in whole or part, in any medium whatsoever, without the express written permission of Techflex® is strictly forbidden.

Techflex® product names and logos are registered trademarks of Techflex®, unless otherwise attributed. The contents and illustrations contained herein are believed to be reliable. Techflex® makes no warranties as to their accuracy or completeness and disclaims any liability in connection with their use. Techflex®'s only obligations are those in standard terms of sale for these products and Techflex® will not be liable for any consequential or other damages arising due to misuse of these products or typographical errors or omissions. Users should make their own evaluation to determine the suitability of these products for their unique and specific applications.