



- **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

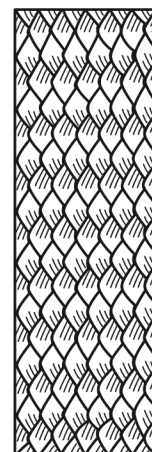


Cut Cleanly
Scissors

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).



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**TERMINATIONS
& BUNDLING**
Technical Data Sheet



	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
	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
	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
Wax Finish FINISH B	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
	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
	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, RD, & BK
	LT2-S5-FC-**	A-A-52081 MIL-T-43435 TYPE II	Polyester	5	15lbs	.045"	.055"	.006"	.014"	1,500'	NT, RD, & BK
Synthetic Rubber FINISH C	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)



TERMINATIONS & BUNDLING Technical Data Sheet

	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-Flurocarbon	2	30lbs	.108"	.132"	.009"	.014"	750'	Brown (BR)
	LT3-S4-FA-BR	A-A-52082 MIL-T-43435 TYPE III	TFE-Flurocarbon	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	1	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"	.015"	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)