

Abrasion Protection

Panduit® abrasion protection products provide an economical and easy way to insulate, protect, bundle and color-code components and cable. A wide variety of sizes and materials are available to meet a broad range of indoor and outdoor applications. To help assure optimum quality, Panduit abrasion protection products are designed and manufactured to meet applicable quality standards including International, UL, Military, ISO, and Aerospace.



- **Pan-Wrap™ Split Harness Wrap features a patented slot pattern to improve flexibility and abrasion protection**
- **Spiral wrap bundles and protects wire and cable while providing the largest variety of colors, materials, and sizes to meet a variety of needs**
- **Grommet edging protects wire and cable from damage caused by sharp panel edges**
- **Heat shrink is available in many different materials and sizes to meet a variety of needs**
- **Corrugated loom tubing is crush, impact, and abrasion resistant to reduce the risk of damage to wire and cable**
- **Braided expandable sleeving provides continuous abrasion resistance and lightweight durable protection, with a flexible open weave that will not trap heat or humidity**

Panduit abrasion protection products provide quality at the lowest installed cost. With a continued focus on new product development, Panduit continues to meet customer needs.

Part Number System for Corrugated Loom Tubing

CLT	100	N	—	C	630
Type	Bundle Diameter	Material		Package Size	Color Suffix
CLT = Slit Wall	25 = 1/4"	N = Heat Stabilized Nylon		X = 10'	630 = Heat Stabilized Black Nylon 6
CLTS = Solid Wall	35 = 5/16"	F = Polyethylene		L = 50'	20 = Black Polyethylene
	38 = 3/8"			C = 100'	3 = Orange Polyethylene
	50 = 1/2"			T = 200'	4 = Yellow Polyethylene
	62 = 5/8"			3C = 300'	
	75 = 3/4"			D = 500'	
	100 = 1"			.75M = 750'	
	125 = 1 1/4"			125M = 1,250'	
	150 = 1 1/2"			2M = 2,000'	
	188 = 1 7/8"			2.5M = 2,500'	
				4M = 4,000'	
				5M = 5,000'	
				7M = 7,000'	
				10M = 10,000'	

Corrugated Loom Tubing



- Provides protection for cables
- For use in enclosures or indoors only
- Available in Nylon or Polyethylene, this product features a lengthwise slit which makes it easy to install onto a bundle of wires or a pre-assembled harness assembly
- Abrasion resistant and provides light crush and impact resistance

Part Number	Material	Color	Length Per Reel		Inside Diameter		Outside Diameter		Temperature Range	Std. Pkg. Qty.*
			Ft.	m	In.	mm	In.	mm		
Slit Wall										
CLT25F-C3	Polyethylene	Orange	100	30.5	0.28	7.0	0.40	10.1	-40°F – 122°F (-40°C – 50°C)	1
CLT25F-C4	Polyethylene	Yellow	100	30.5	0.28	7.0	0.40	10.1	-40°F – 122°F (-40°C – 50°C)	1
CLT25F-C20	Polyethylene	Black	100	30.5	0.28	7.0	0.40	10.1	-40°F – 122°F (-40°C – 50°C)	1
CLT25F-10M20	Polyethylene	Black	10,000	3048.0	0.28	7.0	0.40	10.1	-40°F – 122°F (-40°C – 50°C)	1
CLT35F-C3	Polyethylene	Orange	100	30.5	0.35	8.9	0.50	12.8	-40°F – 122°F (-40°C – 50°C)	1
CLT35F-C4	Polyethylene	Yellow	100	30.5	0.35	8.9	0.50	12.8	-40°F – 122°F (-40°C – 50°C)	1
CLT35F-C20	Polyethylene	Black	100	30.5	0.35	8.9	0.50	12.8	-40°F – 122°F (-40°C – 50°C)	1
CLT35F-7M20	Polyethylene	Black	7,000	2133.6	0.35	8.9	0.50	12.8	-40°F – 122°F (-40°C – 50°C)	1
CLT38F-C3	Polyethylene	Orange	100	30.5	0.39	10.0	0.52	13.3	-40°F – 122°F (-40°C – 50°C)	1
CLT38F-C4	Polyethylene	Yellow	100	30.5	0.39	10.0	0.52	13.3	-40°F – 122°F (-40°C – 50°C)	1
CLT38F-C20	Polyethylene	Black	100	30.5	0.39	10.0	0.52	13.3	-40°F – 122°F (-40°C – 50°C)	1
CLT38F-5M20	Polyethylene	Black	5,000	1524.0	0.39	10.0	0.52	13.3	-40°F – 122°F (-40°C – 50°C)	1
CLT50F-C3	Polyethylene	Orange	100	30.5	0.51	13.0	0.65	16.6	-40°F – 122°F (-40°C – 50°C)	1
CLT50F-C4	Polyethylene	Yellow	100	30.5	0.51	13.0	0.65	16.6	-40°F – 122°F (-40°C – 50°C)	1
CLT50F-C20	Polyethylene	Black	100	30.5	0.51	13.0	0.65	16.6	-40°F – 122°F (-40°C – 50°C)	1
CLT50F-4M20	Polyethylene	Black	4,000	1219.2	0.51	13.0	0.65	16.6	-40°F – 122°F (-40°C – 50°C)	1
CLT62F-C3	Polyethylene	Orange	100	30.5	0.66	16.9	0.85	21.1	-40°F – 122°F (-40°C – 50°C)	1
CLT62F-C4	Polyethylene	Yellow	100	30.5	0.66	16.9	0.85	21.1	-40°F – 122°F (-40°C – 50°C)	1
CLT62F-C20	Polyethylene	Black	100	30.5	0.66	16.9	0.85	21.1	-40°F – 122°F (-40°C – 50°C)	1
CLT62F-2.5M20	Polyethylene	Black	2,500	762.0	0.66	16.9	0.85	21.1	-40°F – 122°F (-40°C – 50°C)	1
CLT75F-C3	Polyethylene	Orange	100	30.5	0.77	19.5	0.94	23.9	-40°F – 122°F (-40°C – 50°C)	1
CLT75F-C4	Polyethylene	Yellow	100	30.5	0.77	19.5	0.94	23.9	-40°F – 122°F (-40°C – 50°C)	1
CLT75F-C20	Polyethylene	Black	100	30.5	0.77	19.5	0.94	23.9	-40°F – 122°F (-40°C – 50°C)	1
CLT75F-2M20	Polyethylene	Black	2,000	609.6	0.77	19.5	0.94	23.9	-40°F – 122°F (-40°C – 50°C)	1

*Reel packaging may contain splices. Contact Panduit Customer Service for further information.

Continues on next page

Corrugated Loom Tubing (continued)

Part Number	Material	Color	Length Per Reel		Inside Diameter		Outside Diameter		Temperature Range	Std. Pkg. Qty.*
			Ft.	m	In.	mm	In.	mm		
Nylon Slit										
CLT25N-C630	Heat Stabilized Nylon 6	Black	100	30.5	0.28	7.2	0.40	10.1	-40°F – 230°F (-40°C – 110°C)	1
CLT25N-10M630	Heat Stabilized Nylon 6	Black	10,000	3048.0	0.28	7.2	0.40	10.1	-40°F – 230°F (-40°C – 110°C)	1
CLT35N-C630	Heat Stabilized Nylon 6	Black	100	30.5	0.35	8.9	0.50	12.8	-40°F – 230°F (-40°C – 110°C)	1
CLT38N-C630	Heat Stabilized Nylon 6	Black	100	30.5	0.39	10.0	0.52	13.3	-40°F – 230°F (-40°C – 110°C)	1
CLT38N-5M630	Heat Stabilized Nylon 6	Black	5,000	1524.0	0.39	10.0	0.52	13.3	-40°F – 230°F (-40°C – 110°C)	1
CLT50N-C630	Heat Stabilized Nylon 6	Black	100	30.5	0.51	13.0	0.65	16.6	-40°F – 230°F (-40°C – 110°C)	1
CLT50N-4M630	Heat Stabilized Nylon 6	Black	4,000	1219.2	0.51	13.0	0.65	16.6	-40°F – 230°F (-40°C – 110°C)	1
CLT62N-C630	Heat Stabilized Nylon 6	Black	100	30.5	0.66	16.9	0.85	21.1	-40°F – 230°F (-40°C – 110°C)	1
CLT62N-2.5M630	Heat Stabilized Nylon 6	Black	2,500	762.0	0.66	16.9	0.85	21.1	-40°F – 230°F (-40°C – 110°C)	1
CLT75N-C630	Heat Stabilized Nylon 6	Black	100	30.5	0.77	19.5	0.94	23.9	-40°F – 230°F (-40°C – 110°C)	1
CLT75N-2M630	Heat Stabilized Nylon 6	Black	2,000	609.6	0.77	19.5	0.94	23.9	-40°F – 230°F (-40°C – 110°C)	1
CLT100N-C630	Heat Stabilized Nylon 6	Black	100	30.5	0.91	23.2	1.10	28.0	-40°F – 230°F (-40°C – 110°C)	1
CLT100N-125M630	Heat Stabilized Nylon 6	Black	1,250	381.0	0.91	23.2	1.10	28.0	-40°F – 230°F (-40°C – 110°C)	1
CLT125N-L630	Heat Stabilized Nylon 6	Black	50	15.2	1.28	32.5	1.54	39.0	-40°F – 230°F (-40°C – 110°C)	1
CLT125N-.75M630	Heat Stabilized Nylon 6	Black	750	228.6	1.28	32.5	1.54	39.0	-40°F – 230°F (-40°C – 110°C)	1
CLT150N-D630	Heat Stabilized Nylon 6	Black	500	152.4	1.58	40.0	1.85	47.0	-40°F – 230°F (-40°C – 110°C)	1
CLT188N-3C630	Heat Stabilized Nylon 6	Black	300	91.44	1.85	47.0	2.19	55.7	-40°F – 230°F (-40°C – 110°C)	1
Nylon Solid										
CLTS25N-C	Heat Stabilized Nylon 6	Black	100	30.5	0.28	7.2	0.40	10.1	-40°F – 230°F (-40°C – 110°C)	1
CLTS25N-10M	Heat Stabilized Nylon 6	Black	10,000	3048.0	0.28	7.2	0.40	10.1	-40°F – 230°F (-40°C – 110°C)	1
CLTS35N-C	Heat Stabilized Nylon 6	Black	100	30.5	0.35	8.9	0.50	12.8	-40°F – 230°F (-40°C – 110°C)	1
CLTS38N-C	Heat Stabilized Nylon 6	Black	100	30.5	0.39	10.0	0.52	13.3	-40°F – 230°F (-40°C – 110°C)	1
CLTS50N-C	Heat Stabilized Nylon 6	Black	100	30.5	0.51	13.0	0.65	16.6	-40°F – 230°F (-40°C – 110°C)	1
CLTS62N-C	Heat Stabilized Nylon 6	Black	100	30.5	0.66	16.9	0.85	21.1	-40°F – 230°F (-40°C – 110°C)	1
CLTS75N-C	Heat Stabilized Nylon 6	Black	100	30.5	0.77	19.5	0.94	23.9	-40°F – 230°F (-40°C – 110°C)	1
CLTS75N-2M	Heat Stabilized Nylon 6	Black	2,000	609.6	0.77	19.5	0.94	23.9	-40°F – 230°F (-40°C – 110°C)	1
CLTS100N-C	Heat Stabilized Nylon 6	Black	100	30.5	0.91	23.2	1.10	28.0	-40°F – 230°F (-40°C – 110°C)	1
CLTS125N-L	Heat Stabilized Nylon 6	Black	50	15.2	1.28	32.5	1.54	39.0	-40°F – 230°F (-40°C – 110°C)	1

*Reel packaging may contain splices. Contact Panduit Customer Service for further information.