

NEOPRENE Center Strain Relief



NEOPRENE is robust and weather-resistant, neoprene jacketed, 300/500 volt control cable with a center strain relieving support. Designed for outdoor use where long lengths are installed without the use of messenger supports. Commonly found in machinery and applications that are continuously exposed to adverse weather conditions including handling and hoisting gear, construction machinery, dockyard installations and conveyor systems. **NEOPRENE** cables are ideal for use as control cables in trailing cables. The neoprene outer jacket is oil, fat, alkali and UV resistant and may also be used in sea water for industrial purposes. These cables are NOT suitable for use on pulleys or drums under tensile loads!



Construction:

- Super-fine bare copper strands
- Strands to VDE-0295 Class-6, IEC 60228 CI-6
- Rubber core insulation
- Color code VDE-0293-308 with ground
- 7 or more cores to black & numbered code
- Center support core of hemp or cloth taping with load carrying threads
- Neoprene outer jacket - black (RAL 9005)
- **Extremely oil & chemical resistant**

Technical:

- Working voltage: 300/500 volts
- Test voltage: 3000 volts
- Flexing bending radius: 12.5 x Ø
- Static bending radius: 20.0 x Ø
- Flexing temp: -25° C to +80° C
- Static temp: -40° C to +80° C
- Flame retardant: IEC 60332.1
- Insulation resistance: > 20 MΩ x km

Approvals:

- VDE-0250 & 0282
- CE Low Voltage Directive 73/23/EEC and 93/68/EEC
- ROHS compliant

** "OZ" denotes no ground wire **

PART NUMBER	CORES	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
17 AWG (56/34) 1,00mm2				
7251702 OZ	2	0.295" / 7.5mm	13	60
7251703	3	0.335" / 8.5mm	19	75
7251704	4	0.382" / 9.7mm	26	95
7251705	5	0.453" / 11.5mm	32	114
7251706	6	0.527" / 13.4mm	39	129
7251707	7	0.543" / 13.8mm	45	142
7251709	9	0.622" / 15.8mm	58	184
7251712	12	0.689" / 17.5mm	77	261
7251716	16	0.756" / 19.2mm	103	290
7251718	18	0.846" / 21.5mm	116	316
7251720	20	0.882" / 22.4mm	129	396
7251724	24	0.929" / 23.6mm	154	436
7251730	30	0.969" / 24.6mm	195	527
7251736	36	1.142" / 29.0mm	232	610
7251748	48	1.236" / 31.4mm	309	834
7251754	54	1.295" / 32.9mm	347	938
7251761	61	1.465" / 37.2mm	393	1003
16 AWG (84/34) 1,50mm2				
7251602 OZ	2	0.335" / 8.5mm	19	64
7251603	3	0.366" / 9.3mm	29	76
7251604	4	0.413" / 10.5mm	39	101
7251605	5	0.492" / 12.5mm	48	121
7251606	6	0.563" / 14.3mm	58	164
7251607	7	0.583" / 14.8mm	68	207
7251608	8	0.622" / 15.8mm	77	223
7251609	9	0.697" / 17.7mm	87	241
7251610	10	0.728" / 18.5mm	97	272
7251611	11	0.791" / 20.1mm	106	307
7251612	12	0.850" / 21.6mm	116	346
7251613	13	0.870" / 22.1mm	125	383
7251615	15	0.898" / 22.8mm	145	396
7251618	18	0.929" / 23.6mm	174	416
7251619	19	0.949" / 24.1mm	184	449
7251624	24	1.063" / 27.0mm	232	548
7251637	37	1.220" / 31.0mm	358	818
7251642	42	1.299" / 33.0mm	406	926
7251648	48	1.374" / 34.9mm	463	1013

Sizes continued on next page.

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NEOPRENE Sizes Continued. (16 AWG & Larger)

PART NUMBER	CORES	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
16 AWG (84/34) 1,50mm² Cont.				
7251650	50	1.445" / 36.7mm	483	1101
7251661	61	1.646" / 41.8mm	589	1308
14 AWG (140/34) 2,50mm²				
7251402 OZ	2	0.394" / 10.0mm	32	95
7251403	3	0.413" / 10.5mm	48	115
7251404	4	0.457" / 11.6mm	64	141
7251405	5	0.508" / 12.9mm	80	171
7251407	7	0.638" / 16.2mm	113	257
7251409	9	0.744" / 18.9mm	145	363
7251412	12	0.917" / 23.3mm	193	463
7251416	16	0.961" / 24.4mm	257	545
7251418	18	1.035" / 26.3mm	290	598
7251424	24	1.201" / 30.5mm	386	819
7251436	36	1.311" / 33.3mm	580	1165
7251448	48	1.650" / 41.9mm	773	1677
7251450	50	1.705" / 43.3mm	805	1764
7251461	61	1.941" / 49.3mm	982	2079
12 AWG (224/34) 4,00mm²				
7251203	3	0.535" / 13.6mm	77	250
7251204	4	0.591" / 15.0mm	103	273
7251205	5	0.673" / 17.1mm	129	290
7251207	7	0.846" / 21.5mm	180	332
10 AWG (192/32) 6,00mm²				
7251003	3	0.547" / 13.9mm	116	255
7251004	4	0.598" / 15.2mm	154	298
7251005	5	0.717" / 18.2mm	193	382
7251007	7	0.831" / 21.1mm	270	471
8 AWG (320/32) 10,0mm²				
7250803	3	0.713" / 18.1mm	193	355
7250804	4	0.811" / 20.6mm	258	486
7250805	5	0.890" / 22.6mm	322	619
7250807	7	1.079" / 27.4mm	451	864
6 AWG (512/32) 16,0mm²				
7250603	3	0.839" / 21.3mm	309	580
7250604	4	0.992" / 25.2mm	412	690
7250605	5	1.043" / 26.5mm	515	845

* Additional sizes may be available.

Festoon, Lift & Torsion Cables