

NSSHÖU Mining Cable



NSSHÖU is an VDE-approved, oil resistant, 600/1kV, EPR rubber insulated, heavy duty yellow polychloroprene cable for use in connecting heavy equipment. This cable is suitable for very high mechanical stress in underground mining, open pit mining and mining tools. **NSSHÖU** is also found on building and construction equipment and other moving equipment and machinery in extreme environments in dry, wet and outdoor areas. These cables are NOT suitable for use on drums under tensile loads!



Construction:

- Fine tinned copper strands
- Strands to VDE-0295 Class-5, IEC-60228 CL-5
- EPR rubber core insulation
- Color code to VDE-0293-308 with ground
- Above 5 cores, color is black w/ white numbers
- Rubber inner jacket over cores
- Neoprene (5GM2) outer jacket - yellow
- **Extremely oil & chemical resistant**

Technical:

- Working voltage: 600/1000 volts
- Test voltage: 3000 volts
- Flexing bending radius: 10 x Ø
- Static bending radius: 5 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 Part-812
- CE Low Voltage Directive 73/23/EEC and 93/68/EEC
- ROHS compliant

PART NUMBER	CORES	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
16 AWG (30/30) 1,50mm²				
7701603	3	0.492" / 12.5mm	29	138
7701604	4	0.512" / 13.0mm	39	161
7701605	5	0.555" / 14.1mm	48	195
7701607	7	0.689" / 17.5mm	68	309
7701610	10	0.780" / 19.8mm	97	372
14 AWG (50/30) 2,50mm²				
7701402	2	0.528" / 13.4mm	32	158
7701403	3	0.551" / 14.0mm	48	174
7701404	4	0.630" / 16.0mm	64	228
7701405	5	0.677" / 17.2mm	80	258
7701407	7	0.728" / 18.5mm	113	329
7701412	12	0.945" / 24.0mm	193	533
7701418	18	1.130" / 28.7mm	290	825
7701419	19	1.150" / 29.2mm	313	845
12 AWG (56/28) 4,00mm²				
7701203	3	0.661" / 16.8mm	78	275
7701204	4	0.709" / 18.0mm	103	307
7701205	5	0.748" / 19.0mm	129	376
10 AWG (84/28) 6,00mm²				
7701003	3	0.713" / 18.1mm	116	341
7701004	4	0.768" / 19.5mm	154	376
7701005	5	0.846" / 21.5mm	193	453
8 AWG (80/26) 10,0mm²				
7700804	4	0.945" / 24.0mm	258	577
7700805	5	0.988" / 25.1mm	322	738
6 AWG (128/26) 16,0mm²				
7700601	1	0.453" / 11.5mm	103	174
7700604	4	1.122" / 28.5mm	412	936
7700605	5	1.224" / 31.1mm	515	1006

Sizes continued on next page.

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NSSHÖU Sizes Continued. (4 AWG & Larger)

PART NUMBER	CORES	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
4 AWG (200/26) 25,0mm²				
7700401	1	0.571" / 14.5mm	161	262
7700404	4	1.378" / 35.0mm	644	1375
7700405	5	1.437" / 36.5mm	805	1965
2 AWG (280/26) 35,0mm²				
7700201	1	0.610" / 15.5mm	225	345
7700204	4	1.457" / 37.0mm	901	1730
1 AWG (400/26) 50,0mm²				
7700101	1	0.709" / 18.0mm	322	466
7700104	4	1.752" / 44.5mm	1288	2488
2/0 AWG (356/24) 70,0mm²				
7702101	1	0.807" / 20.5mm	451	624
7702104	4	1.846" / 46.9mm	1803	2891
3/0 AWG (485/24) 95,0mm²				
7703101	1	0.909" / 23.1mm	612	815
7703104	4	2.039" / 51.8mm	2447	4125
4/0 AWG (614/24) 120,0mm²				
7704101	1	0.984" / 25.0mm	773	1016
7704104	4	2.343" / 59.5mm	3091	4833
300 MCM (765/24) 150,0mm²				
7703001	1	1.102" / 28.0mm	966	1201
350 MCM (944/24) 185,0mm²				
7703501	1	1.181" / 30.0mm	1191	1529
500 MCM (1221/24) 240,0mm²				
7705001	1	1.299" / 33.0mm	1545	1972

* Additional sizes may be available.

Festoon, Lift & Torsion Cables