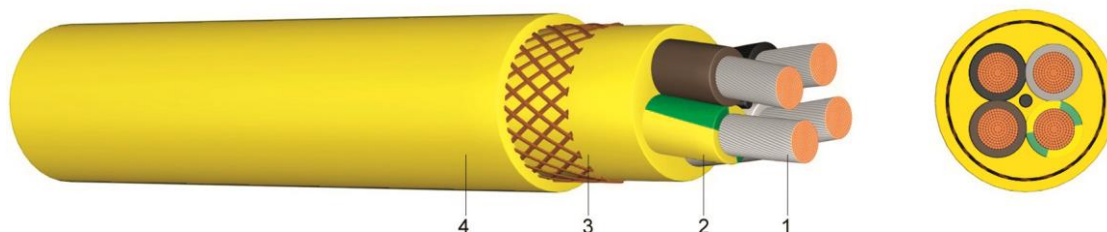


## NSHTöu(SMK) Rubber Sheathed Cable for Cordaflex Reeling Purposes Crane Cable

### Application:

It is to be used as a connection cable for reeling purposes for very high mechanical loads on movable appliances, mobile line carriers, cable carriages as well as for vertical drum operation. It is also applicable for the scope of DIN VDE 0168 and 0118, for underground and open-cast mines.



### Construction:

- 1 ..... fine-stranded tinned copper
- 2 ..... PROTOLON insulated cores
- 3 ..... inner sheath of a special compound polychloroprene (PCP), antitorsion braid made of polyester threads, in a vulcanised bond
- 4 ..... outer sheath of wear- and tear-resistant PCP compound, yellow, oil - and weatherresistant

### Standards:

adapted to DIN VDE 0250-814  
 DIN EN 60228 class 5 (construction)  
 HD 308 S2 (core identification)

### Technical data:

Nominal voltage U <sub>0</sub> /U	[V]	600 / 1.000 Volt
Test voltage	[V] <sub>ac</sub>	2500
Temperature range	in motion	-35°C till +60°C
	fixed	-50°C till +80°C
Operating temperature	short circuit	250°C
Short circuit time	max.	5
Bending radius	min.	8 x diameter
Oil-resistant	standard	EN 60811-2-1
Flammability	standard	EN 60332-1-2

Number of cores and nominal cross section mm <sup>2</sup>	from stock	Copper figure kg/km	Cond. construction (appr. value) mm	Overall diameter appr. mm	Overall diameter max. value appr. mm	Weight appr. kg / km
5 x 1,5	○	75	50 x 0,21	13,0	14,6	280
7 x 1,5	○	110	50 x 0,21	15,2	17,2	385
12 x 1,5	○	190	50 x 0,21	21,4	23,4	710
24 x 1,5	○	378	50 x 0,21	23,8	26,8	990
4 x 2,5	○	105	80 x 0,21	13,2	14,8	305
7 x 2,5	○	183	80 x 0,21	16,6	18,6	510
12 x 2,5	●	315	80 x 0,21	23,4	25,4	920
18 x 2,5	○	473	80 x 0,21	23,3	25,3	1.005



Number of cores and nominal cross section mm <sup>2</sup>	from stock	Copper figure kg/km	Cond. construction (appr. value) mm	Overall diameter appr. mm	Overall diameter max. value appr. mm	Weight appr. kg / km
24 x 2,5	●	630	80 x 0,21	26,2	29,2	1.320
19 x 2,5+5x1(C)	○	609	80 x 0,21	26,2	29,2	1.290
25 x 2,5+5x1(C)	○	767	80 x 0,21	29,4	32,4	1.620
30 x 2,5	●	788	80 x 0,21	29,4	32,4	1.660
4 x 6	●	252	120 x 0,26	17,4	19,4	575
4 x 10	●	442	210 x 0,26	21,6	23,6	905
4 x 16	○	672	230 x 0,31	23,7	26,7	1.240
4 x 25	○	1.063	360 x 0,31	28,5	31,5	1.850
5 x 6	●	315	120 x 0,26	19,0	21,0	690
3 x 35+3x16/3	○	1.271	510 x 0,31	34,4	37,4	2.160
3 x 50+3x25/3	○	1.838	530 x 0,31	39,7	42,7	2.850
3 x 70+3x35/3	○	2.573	730 x 0,36	39,7	42,7	3.920
3 x 95+3x50/3	○	3.518	780 x 0,41	44,3	47,3	5.020
3 x 120+3x70/3	○	4.515	1000 x 0,41	51,0	55,0	6.630