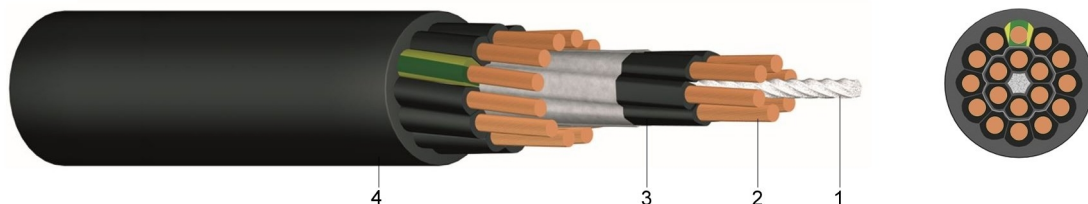


**(STN)  
(N)FLGöu**

## Rubber - Control Cable with Supporting Element for Medium-Level Mechanical Stress

**Application:**

To be used in dry, humid and wet locations as well as in the open-air as a flexible power and control cable for medium-level mechanical loads. This cable is suitable for connecting movable parts of machine tools, material handling equipment and large machines.



**Construction:**

- 1 ..... supporting element out of cord
- 2 ..... fine-stranded bare copper
- 3 ..... core insulation of a rubber compound
- 4 ..... outer sheath of rubber (5GM1), black

**Standards:**

adapted to DIN VDE 0250  
 DIN EN 60228 class 6 (construction)  
 Core identification: 1 core green/yellow, all other cores black with figures

**Technical data:**

Nominal voltage U <sub>0</sub> /U		[V]	450 / 750 Volt
Test voltage		[V] <sub>Ac</sub>	2500
Temperature range	in motion		-25°C till +60°C
Operating temperature	short circuit	°C	250
Short circuit time	max.	[sec]	5
Bending radius	one time / fixed	x diameter	4
	in motion	x diameter	5
Flammability	standard		EN 60332-1-2

Number of cores and nominal cross section mm <sup>2</sup>	Copper figure kg/km	Cond. construction (appr. value) mm	Overall diameter appr. mm	Weight appr. kg/km
7 x 1	67,2	56 x 0,16	14,0	220
12 x 1	115,2	56 x 0,16	19,0	430
18 x 1	172,8	56 x 0,16	20,0	510
24 x 1	230,4	56 x 0,16	23,0	670
36 x 1	345,6	56 x 0,16	26,0	900
48 x 1	460,8	56 x 0,16	30,0	1.220
4 x 1,5	57,6	84 x 0,16	11,0	180
5 x 1,5	72,0	84 x 0,16	12,0	200
7 x 1,5	100,8	84 x 0,16	15,0	280
9 x 1,5	129,6	84 x 0,16	18,0	400
12 x 1,5	172,8	84 x 0,16	20,0	540
18 x 1,5	259,2	84 x 0,16	21,0	600
24 x 1,5	345,6	84 x 0,16	25,0	840
4 x 2,5	96,0	140 x 0,16	14,0	250
7 x 2,5	168,0	140 x 0,16	17,5	380
12 x 2,5	288,0	140 x 0,16	22,5	710