

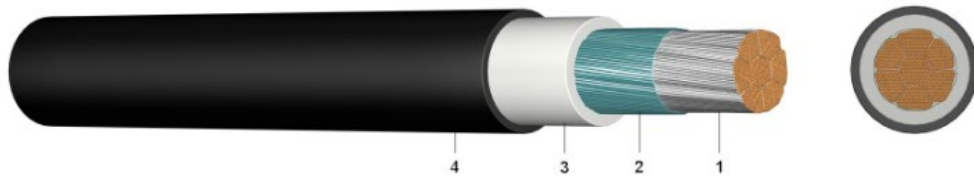
## NSGAFöu E<sub>ca</sub>

Rubber-sheathed flexible single core, 1,8/3 kV  
+90 °C service temperature, single core, oil resistant  
DIN VDE 0250 - 602 and EN 50575

### Application

Rubber sheathed, flexible single core for wiring of machines, tools, devices, appliances and control cabinets for use in railway vehicles and buses. It can be used for short circuit-proof and short-to-ground-proof installations up to 1 kV.

### Construction



- |                  |   |
|------------------|---|
| 1. Conductor:    | Copper conductor, bare or tinned, flexible, (class 5) |
| 2. Separator:    | Film (optional)                                       |
| 3. Insulation:   | EPR   |
| 4. Outer sheath: | Rubber compound, black                                |

### Technical information

Rated voltage	U <sub>0</sub> /U	1,8/3 kV
Max. permissible temperature at conductor		90 °C
Max. short circuit temperature of the conductor		250 °C (max. 5 sec)
Min. operating temperature	fixed installation	-40 °C
	flexible use	-25 °C
Min. bending radius mm	fixed installation	6 x outer diameter in mm
	flexible use	10 x outer diameter in mm

#### Safety parameters

Reaction to fire		EN 50399 E <sub>ca</sub>
Flame spread	single cable	EN 60332-1-2

#### Additional parameters

Oil resistant

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N° of cores and cross section mm <sup>2</sup>	Outer diameter approx. mm	Weight approx. kg/km
1 x 1,5	7,0	60
1 x 2,5	7,5	70
1 x 4	9,0	90
1 x 6	9,5	120
1 x 10	11,0	180
1 x 16	13,0	250
1 x 25	15,0	390
1 x 35	16,5	470
1 x 50	18,0	625
1 x 70	20,5	880
1 x 95	24,0	1190
1 x 120	26,0	1430
1 x 150	28,0	1750
1 x 185	31,0	2160
1 x 240	34,5	2640
1 x 300	38,0	3178

La version française de cette fiche technique est disponible sur demande.  
 De technische gegevens zijn op aanvraag in het Nederlands beschikbaar.