

## Power cable < 1 kV, for flexible applications Highflex PRO H



<b>Application</b>	: Cable for heavy machinery such as conveyor facilities, fork liftrucks, train engines and agricultural machines. Suitable for outdoor use. Very good UV and ozone resistant, good oil resistant, flame retardant and good wear resistant.
<b>TECHNICAL DATA</b>	: TYPE PRO H
<b>Remarks</b>	: Reelable cable with aramide strain relief in the core and a textile braiding around the cores. The outer jacket is halogen free, adhesion free, UV, ozone and oil resistant, wear and tear resistant.
Conductor material	: Copper, bare
Conductor category	: Class 5 = flexible
Stranding element	: No
Core insulation material	: Polypropylene
Protective conductor	: Yes
Inner sheath	: No
Screen over stranding element	: None
Screen	: No
Model	: Round
Screen over stranding	: Other
Flame retardant	: In accordance with EN 60332-1-2
Material outer sheath	: Polyurethane (PUR)
Colour outer sheath	: Black
Torsion resistant	: No
Halogen free (acc. EN 60754-1/2)	: Yes
Oil resistant (acc. EN 60811-404)	: Yes
Low smoke (acc. BS EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Permitted cable outer temperature during assembling/handling	: -25°C to 90°C
Permitted cable outer temperature after assembling without vibration	: -40°C to 90°C
Max. conductor temperature	: 70°C
Nominal voltage U <sub>0</sub>	: 600V
Core protection	: No
Nominal voltage U	: 600V
Conductor surface	: Bare
	: No
	: Round
Shape of conductor	: Round



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<b>ProductNr</b>	<b>Dimension</b>	<b>Core identification</b>	<b>Outer diameter approx. (mm)</b>	<b>Bending radius (mm)</b>
0169103	4 x 1.5	Colour	9.9	74
0169110	12 x 1.5	Numbers	17.4	131
0169111	18 x 1.5	Numbers	20.5	142
0169104	4 x 2.5	Colour	11.5	86
0169106	5 x 2.5	Colour	12.4	93
0169107	5 x 4	Colour	15.5	116
0169112	4 x 16	Colour	23.6	177