

## Power cable < 1 kV, for flexible applications Flexellent SAN



<b>Application</b>	<b>: Highly flexible, halogen free cable with high chemical resistance and a temperature range of -50° up to +110°C. Very suitable for the Food and Beverage industry: tested and approved by Ecolab for resistance to various aggressive cleaning products.</b>
<b>TECHNICAL DATA</b>	<b>: TYPE SAN</b>
<b>Remarks</b>	<b>: High resistance to UV- and ozon, solvents, hydrolysis, microbes and animal fats. Wear and tear resistant. resistant to sulphuric acid, battery acid, nitric acid and chlorine.</b>
Conductor material	: Copper, tinned
Conductor category	: Class 6 = very flexible
Stranding element	: No
Core insulation material	: Copolymer, thermoplastic
Protective conductor	: Yes
Core identification	: Numbers
Suspension element	: None
Inner sheath	: No
Screen over stranding element	: None
Screen	: No
Model	: Round
Screen over stranding	: None
Flame retardant	: No
Material outer sheath	: Copolymer, thermoplastic
Colour outer sheath	: Black
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	: -40°C to 110°C
Permitted cable outer temperature after assembling without vibration	: -50°C to 110°C
Max. conductor temperature	: 110°C
Nominal voltage U <sub>0</sub>	: 300V
Core protecton	: No
Nominal voltage U	: 500V
Conductor surface	: Tinned
Specification core insulation	: Other
	: No



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Specification material outer sheath : Other  
Shape of conductor : Round  
Shape of conductor : Round



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<b>ProductNr</b>	<b>Dimension</b>	<b>Outer diameter approx. (mm)</b>
0131504	4 x 1	8.3
0131602	2 x 1.5	7.6
0131603	3 x 1.5	8
0131604	4 x 1.5	8.7
0131605	5 x 1.5	9.6
0131607	7 x 1.5	11.7
0131612	12 x 1.5	14
0131704	4 x 2.5	11
0131705	5 x 2.5	12