



## Heat-resistant cables - SID silicone single cores halogen-free



### Technical attributes

Standards	adapted to DIN VDE 0250
Conductor material	Cu, bare
Conductor type	massive
Conductor standard	DIN VDE 0295
Conductor category	1
Core insulation	Silicone
Outer sheath	Silicone
Outer sheath colour	various
Temperature range min., mobile operation	-60 °C
Temperature range max., mobile operation	+180 °C
Temperature range min., fixed installation	-60 °C
Temperature range max., fixed installation	+180 °C
Nominal voltage U <sub>0</sub> /U	300/500 V
Test voltage	2000 V
Insulation resistance	2 mind. MΩ x km
Minimum bending radius mobile operation	ca. 15 x cable-Ø
oil-resistant	extensively
RoHS-compliant	yes

### Description

Applicable as a special high- and low-temperature-resistant cable, especially in iron, steel and rolling mills, foundries, as well as in aircraft and shipbuilding and cement, glass and ceramic factories. The cables are halogen free and are far more suitable for use in power plants.

### Note

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### Product table

product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
00901004	SID 0,5 wh	8,00	4,80	2,00	white
00901032	SID 0,5 bk	8,00	4,80	2,00	black
00901038	SID 0,5 bn	8,00	4,80	2,00	brown
00901006	SID 0,75 bk	10,00	7,20	2,10	black
00901029	SID 0,75 bu RAL5015	10,00	7,20	2,10	RAL 5015 blue
00901030	SID 0,75 bn	10,00	7,20	2,10	brown
00901035	SID 0,75 gn/ye	10,00	7,20	2,10	green/yellow
00901039	SID 0,75 wh	10,00	7,20	2,10	white
00901008	SID 1 gy	13,00	9,60	2,30	grey
00901024	SID 1 bu RAL5015	13,00	9,60	2,30	RAL 5015 blue



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00901009	SID 1 gn/ye	13,00	9,60	2,30	green/yellow
00901010	SID 1 bk	13,00	9,60	2,30	black
00901011	SID 1 vt	13,00	9,60	2,30	violet
00901012	SID 1 bn	13,00	9,60	2,30	brown
00901025	SID 1 wh	13,00	9,60	2,30	white
00901013	SID 1 gn	13,00	9,60	2,30	green
00901027	SID 1 wh -special wire-	13,00	9,60	2,30	white
00901028	SID 1 bu -special wire- bu RAL5015	13,00	9,60	2,30	RAL 5015 blue
00901014	SID 1,5 bk	18,00	14,40	2,50	black
00901015	SID 1,5 bu RAL5015	18,00	14,40	2,50	RAL 5015 blue
00901016	SID 1,5 bn	18,00	14,40	2,50	brown
00901017	SID 1,5 rd	18,00	14,40	2,50	red
00901018	SID 1,5 gn/ye	18,00	14,40	2,50	green/yellow
00901026	SID 1,5 wh	18,00	14,40	2,50	white
00901020	SID 2,5 wh	29,00	24,00	3,20	white
00901033	SID 2,5 bk	29,00	24,00	3,20	black
00901034	SID 2,5 gn/ye	29,00	24,00	3,20	green/yellow
00901036	SID 2,5 bu RAL5015	29,00	24,00	3,20	RAL 5015 blue
00901037	SID 2,5 bn	29,00	24,00	3,20	brown