

## multi-conductor cable FLEXELLENT SAN

*heavy duty cable, extended temperature range, free of halogen*



<b>Application</b>	<b>: Highly flexible cable for extreme circumstances. This cable has tinned copper cores with Santoprene® insulation and has an extended temperature range. The cable is free of halogen. Very suitable for manufacturing spiral cords.</b>
<b>TECHNICAL DATA</b>	<b>: TYPE SAN</b>
Construction of conductor	: Highly flexible, finely constructed, tinned copper, according to VDE 0295/5. 0,5 - 6 mm <sup>2</sup> according to VDE 0295/6.
Insulation of conductor	: Santoprene®.
Coding of conductors	: 2 cores: black, numbered 3 cores and more: 1 yellow/green other cores black, numbered.
Outer jacket	: Santoprene®
Colour of outer jacket	: Black.
Bend radius	: 10 x outer diameter.
Temperature range	: Flexing: -25°C tot +110°C (3000 hours +125°C). Static: -50°C tot +110°C (3000 hours +125°C).
Insulation resistance	: Min 100 M. Ohm/km.
Test voltage	: Depending on conductor size 2000/3000 Volt.
Voltage rating	: max. 500 Volt.
Special Applications	: Extremely resistant to oil, petrol, ozone, UV, solvent and animal fats. Very good weather resistant therefore suitable for outdoor use. Protects from abrasion, suitable for manufacturing spiral cords. Resistant to sulphuric acid and battery acid, more information obtainable from our sales department.

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## FLEXELLENT SAN

Art.no.	Cores	Gage mm <sup>2</sup>	Nominal O.D. mm
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0131602	2 x 1,5		7,6
0131603	3 x 1,5		8,0
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		14,0
0131704	4 x 2,5		11,0
0131705	5 x 2,5		12,0

## multi-conductor cable FLEXELLENT SAN-C

*heavy duty cable, extended temperature range, free of halogen, braided*



<b>Application</b>	<b>: Highly flexible cable for extreme circumstances. This cable has tinned copper cores with Santoprene® insulation and has an extended temperature range. The cable is free of halogen. Very suitable for manufacturing spiral cords.</b>
<b>TECHNICAL DATA</b>	<b>: TYPE SAN-C</b>
Construction of conductor	: Highly flexible, finely constructed, tinned copper, according to VDE 0295/5. 0,5 - 6 mm <sup>2</sup> according to VDE 0295/6.
Insulation of conductor	: Santoprene®.
Coding of conductors	: 2 cores: black, numbered 3 cores and more: 1 yellow/green other cores black, numbered.
Braiding	: tinned copper braiding, 80%.
Outer jacket	: Santoprene®
Colour of outer jacket	: Black.
Bend radius	: 12 x outer diameter.
Temperature range	: Flexing: -25°C tot +110°C (3000 hours +125°C). Static: -50°C tot +110°C (3000 hours +125°C).
Insulation resistance	: Min 100 M. Ohm/km.
Test voltage	: Depending on conductor size 2000/3000 Volt.
Voltage rating	: max. 500 Volt.
Special Applications	: Extremely resistant to oil, petrol, ozone, UV, solvent and animal fats. Very good weather resistant therefore suitable for outdoor use. Protects from abrasion, suitable for manufacturing spiral cords. Resistant to sulphuric acid and battery acid, more information obtainable from our sales department.

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## FLEXELLENT SAN-C

Art. no	Cores	Gage mm <sup>2</sup>	Nominal O.D. mm
0132604	4 x 1,5		9,4
0132607	7 x 1,5		12,2
0132612	12 x 1,5		14,7
0132704	4 x 2,5		11,7

## multi-conductor cable FLEXELLENT SAN-F

*heavy duty cable, extended temperature range, free of halogen, flat cable*



**Application** : **Highly flexible cable for extreme circumstances.**  
**This cable has tinned copper cores with Santoprene® insulation and has an extended temperature range. The cable is free of halogen.**

**TECHNICAL DATA** : **TYPE SAN-F**

Construction of conductor : Highly flexible, finely constructed, tinned copper, according to VDE 0295/5.  
 0,5 - 6 mm<sup>2</sup> according to VDE 0295/6.

Insulation of conductor : Santoprene®.

Coding of conductors : 1 yellow/green, other cores black, numbered.

Outer jacket : Santoprene®

Colour of outer jacket : Black.

Bend radius : 10 x outer diameter.

Temperature range : Flexing: -25°C tot +110°C (3000 hours +125°C).  
 Static: -50°C tot +110°C (3000 hours +125°C).

Insulation resistance : Min 100 M. Ohm/km.

Test voltage : Depending on conductor size 2000/3000 Volt.

Voltage rating : max. 500 Volt.

Special Applications : Extremely resistant to oil, petrol, ozone, UV, solvent and animal fats. Very good weather resistant, therefore suitable for outdoor use. Protects from abrasion. Resistant to sulphuric acid and battery acid, more information obtainable from our sales department.

Stock	Art.no.	Cores	Gage mm <sup>2</sup>	Nominal O.D. mm
	0139604	4 x	1,5	5,0 x 15,0
	0139916	4 x	16	11,2 x 36,8
	0139950	4 x	35	14,2 x 48,0
	0139707	7 x	2,5	6,0 x 33,6
	0139907	7 x	6	7,6 x 43,0
	0139612	12 x	1,5	5,5 x 42,5
	0139712	12 x	2,5	5,8 x 52,0