



<b>DATA SHEET</b>	4600030
<b>ÖLFLEX® STATIC SC black</b>	valid from : 29.10.2007

## Application

Low cost double insulated single core for fixed installation indoors and outdoors. Especially suitable for power circuits as external connection or for wiring of electric and electronic equipment. Due to the double insulation, no additional protection such as a closed cable duct or protective conduit is required in free installation. Outdoor use is possible under consideration of the temperature range.

## Design:

Conductor	bare copper, fine wire strand in acc. to IEC 60 228 that is VDE 0295, class 5
Core insulation	PVC compound, black
Outer sheath	PVC based, black similar RAL 9005, UV-resistant

## Electrical properties at 20° C

Nominal voltage $U_0/U$	600/1000 V
Test voltage	2500 V AC
Specific insulation resistance	> 20GOhm x cm

## Mechanical and thermal properties

Temp. range	fixed installation: -30 °C to +70 °C max. conductor temperature
Flame retardant	in acc. to IEC 60 332.1
Min. bending radius	10 x outer diameter flexing 6 x outer diameter static
Oil resistant	acc. to VDE 0473-811-1-2
EC directive	This cable confirms to ECD 73/23/EEC (low voltage directive).

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