

# Reeling cables

## DR 724 P Spreader

PUR Reeling cable for spreader application



SKES · D-VIERSEN · DR 724 P Spreader 46 G 1,0 mm<sup>2</sup> CE



marking example:

SAB BRÜCKSKES · D-VIERSEN · DR 724 P Spreader 46 G 1,0 mm<sup>2</sup> CE

**Application:** The DR 724 P Spreader is for use in reeling applications with heavy duty mechanical stress e.g. in motor driven drums in container cranes.

### Construction:

<b>Conductor:</b>	bare copper strands acc. to IEC 60228, VDE 0295, class 5
<b>Insulation:</b>	special polymer
<b>Colour code:</b>	coloured acc. to HD 308 (VDE 0293-308), from 6 cores black cores with consecutive numbers acc. to EN 50334 + VDE 0293-334, from 3 cores a green-yellow earth wire
<b>Stranding:</b>	specially adjusted layering around central Aramid suspension unit
<b>Inner Sheath:</b>	PUR, TPU acc. to EN 50363-10-2 + VDE 0207-363-10-2
<b>Torsion protecting net:</b>	Aramid
<b>Sheath material:</b>	PUR, TPU acc. to EN 50363-10-2 + VDE 0207-363-10-2
<b>Sheath colour:</b>	black (RAL 9005)

### Outstanding features:

- » path feed rate up to 240 m/min.
- » extrem highly winding and unwinding strength
- » for high mechanical stress in reeling processes
- » small outer diameter
- » small cable weight
- » flame retardant and self-extinguishing
- » PFAS free

### Technical data:

<b>Nominal voltage:</b>	U <sub>o</sub> /U 0,6/1 kV
<b>Testing voltage:</b>	core/core 4000 V
<b>Min. bending radius</b> <i>for laying and installation</i> <i>(fixed laying):</i>	5 x d
<i>for repeated winding action</i> <i>(flexible):</i>	7,5 x d
<i>guided on pulleys</i> <i>(flexible):</i>	10 x d
<b>Temperature range</b> <i>fixed laying:</i>	-50/+90 °C
<i>flexible application:</i>	-40/+90 °C
<b>Halogen-free:</b>	acc. to IEC 60754-1 + VDE 0482-754-1
<b>Fire performance:</b>	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2
<b>Oil resistance:</b>	very good - TPU acc. to EN 50363-10-2 + VDE 0207-363-10-2
<b>Chemical resistance:</b>	good against acids, alkalines, solvents, hydraulic liquids, etc.
<b>Weather resistance:</b>	very good
<b>Sunlight resistance:</b>	very good - enhanced due to black sheath colour
<b>Tensile strength:</b>	acc. to VDE 0298-3 section 7.1
<b>Mechanical characteristics:</b>	the main mechanical characteristics accomplished by the PUR outer sheath are: - high tensile strength - high tear strength - high abrasion resistance - high notch resistance
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union, see chapter N „Technical data“

item no.	no. of cores x cross section n x mm <sup>2</sup>	outer-ø ± 10% mm	copper figure kg/km	cable weight ≈ kg/km	tensile strength central suspension unit max. kN
07244610	46 G 1,00	28,2	441,6	992	25
07244910	49 G 1,00	30,7	470,4	1130	25
07242425	24 G 2,50	24,3	576,0	908	25
07243025	30 G 2,50	28,1	720,0	1199	25
07243625	36 G 2,50	32,5	864,0	1473	25
07244225	42 G 2,50	35,8	1008,0	1770	25
07244425	44 G 2,50	37,0	1056,0	1877	25
07245625	56 G 2,50	45,7	1344,0	2665	25

Other dimensions and colours are possible on request.  
Please mention the required winding length when placing the order.

Please pay attention  
to the installation instructions  
in chapter N „Technical data“