

# Reeling Cables

## DR 724 P Spreader

PUR reeling cable for spreader applications



S · D-VIERSEN · DR 724 P Spreader 46 G 1.0 mm<sup>2</sup> CE



Marking for DR 724 P Spreader 7244610:

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 on container cranes.

### Construction:

<b>Conductor:</b>	bare copper strands acc. to IEC 60228, VDE 0295, class 5
<b>Insulation:</b>	special polymer
<b>Color code:</b>	up to 5 conductors: HD 308 (VDE 0293-308), see below from 6 conductors: black conductors with consecutive numbers acc. to EN 50334 + VDE 0293-334 from 3 conductors: green/yellow ground
<b>Stranding:</b>	specially adjusted layering around central Aramid suspension unit
<b>Inner jacket:</b>	PUR, TPU acc. to EN 50363-10-2 + VDE 0207-363-10-2
<b>Torsion protecting net:</b>	Aramid
<b>Jacket material:</b>	PUR, TPU acc. to EN 50363-10-2 + VDE 0207-363-10-2
<b>Jacket color:</b>	black (RAL 9005)

### Outstanding features:

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

### Technical data:

<b>Nominal voltage:</b>	U <sub>0</sub> /U 0.6/1 kV
<b>Testing voltage:</b>	conductor/conductor: 4000 V
<b>Current-carrying capacity:</b>	acc. to VDE 0298-4, see chapter O/20 & 21
<b>Min. bending radius:</b> <i>for laying and installation (fixed installation):</i> <i>for repeated winding action (flexible):</i> <i>guided on pulleys (flexible):</i>	5 x O.D. 7.5 x O.D. 10 x O.D.
<b>Temperature range:</b> <i>static:</i> <i>flexible:</i>	-50/+90°C -40/+90°C
<b>Halogen-free:</b>	acc. to IEC 60754-1 + VDE 0482-754-1
<b>Burning characteristics:</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 jacket color
<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 jacket are: - high tensile strength - high tear strength - high abrasion resistance - high notch resistance
<b>Approvals:</b>	CE, RoHS
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union see page O/30

item no.	AWG/c	outer-ø		cable weight ≈ lbs/mft	tensile strength central suspension unit max. N
		±10% inch	±10% inch		
▶ 7244610	18 AWG (≈ 30/32) / 46c	1.110	28.2	667	25
▶ 7244910	18 AWG (≈ 30/32) / 49c	1.209	30.7	759	25
▶ 7242425	14 AWG (≈ 46/30) / 24c	0.957	24.3	610	25
▶ 7243025	14 AWG (≈ 46/30) / 30c	1.106	28.1	806	25
▶ 7243625	14 AWG (≈ 46/30) / 36c	1.280	32.5	990	25
▶ 7244225	14 AWG (≈ 46/30) / 42c	1.409	35.8	1189	25
▶ 7244425	14 AWG (≈ 46/30) / 44c	1.457	37.0	1261	25
▶ 7245625	14 AWG (≈ 46/30) / 56c	1.799	45.7	1791	25

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

### HD 308 color code: up to 5 conductors

2c: blue, brown

3c: green/yellow, blue, brown

4c: green/yellow, brown, black, gray

5c: green/yellow, blue, brown, black, gray

Please pay attention to the installation instructions on page O/13



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