### DRUMFLEX KSM -S

### Neoprene (Rubber) Drum reeling cable





Drumflex KSM -S Drum reeling cable is specially designed for use on both spring operated and motorised cable reeling drums, it is also particularly suitable for applications where both tension and torsional stresses are present simultaneously, and where forced cable guidance is required. It is suitable for dry, humid and wet rooms and for outdoor applications on construction sites.



#### Construction

Conductor: Fine stranded plain copper according to VDE 0295 Class 5 Rubber compound Insulation: Core colour: Up to 5 cores coloured according to VDE 0293 -7 cores and above black with white numbers with green/yellow earth Core Arrangement: Cores stranded in layers Inner Sheath: Polychloroprene (Neoprene) Support braid: Textile weave vulcanised between inner and outer sheaths

Outer sheath: Polychloroprene (Neoprene)

Sheath colour: Black

Imprint: KSM -S 600/1000V

**Working Environment** 

Maximum operating temperature in fixed application: -40 deg C - + 80 deg C

Maximum operating temperature in mobile application : -40 deg C - + 80 deg C

Maximum temperature at

conductor: +90 deg C

Environment: suitable for use in dry, humid & wet areas

**Electrical properties** 

Nominal voltage: 600/1000 V Test Voltage: 2500 V

Conductor resistance: In accordance with IEC 228 class 5

Insulation resistance: > 20 MOhms x km

Additional information

Minimum bending radius: In accordance with VDE 0298 part 3

Tensile strength: Max. 20 N/mm2

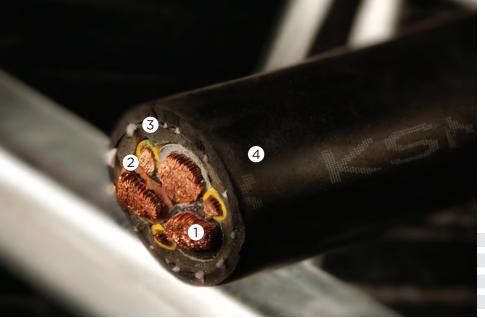
Operating Speed: 120 m/min (please enquire for higher operating speeds)

Oil resistance : According to VDE 0472 part 803 test type B

Flame resistance: According to EN 50265 21

**Applied Standards** According to DIN VDE 0250







- 1 Copper conductor
- 2 Rubber insulation
- (3) Textile support weave
- 4 Neoprene (PCP) outer sheath

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## Neoprene (Rubber) Drum reeling cable

08043 5000 03 KSM	Part No	Cross Section mm2	Current Rating  @ 30 Deg	CU Number kg/km	Outer diameter approx. (mm)	Weight kg/km
08043 7000 03 KSM       3 x 70 + 3 G 35/3       250A       2352.0       39.0 - 42.0       3600         08043 9500 03 KSM       3 x 95 + 3 G 50/3       301A       3216.0       43.0 - 46.0       4400         08043 1200 03 KSM       3 x 120 + 3 G 70/3       344A       4128.0       48.0 - 52.0       5800         08043 1500 03 KSM       3 x 150 + 3 G 70/3       391A       4992.0       52.0 - 56.0       6700         08043 1850 03 KSM       3 x 185 + 3 G 95/3       448A       6240.0       56.0 - 61.0       8000	08043 5000 03 KSM	3 x 50 + 3 G 25/3	202A	1680.0	33.0 - 36.0	2600
08043 9500 03 KSM       3 x 95 + 3 G 50/3       301A       3216.0       43.0 - 46.0       4400         08043 1200 03 KSM       3 x 120 + 3 G 70/3       344A       4128.0       48.0 - 52.0       5800         08043 1500 03 KSM       3 x 150 + 3 G 70/3       391A       4992.0       52.0 - 56.0       6700         08043 1850 03 KSM       3 x 185 + 3 G 95/3       448A       6240.0       56.0 - 61.0       8000						
08043 1500 03 KSM 3 x 150 + 3 G 70/3 391A 4992.0 52.0 - 56.0 6700 08043 1850 03 KSM 3 x 185 + 3 G 95/3 448A 6240.0 56.0 - 61.0 8000	08043 9500 03 KSM		301A	3216.0	43.0 - 46.0	4400
08043 1500 03 KSM 3 x 150 + 3 G 70/3 391A 4992.0 52.0 - 56.0 6700 08043 1850 03 KSM 3 x 185 + 3 G 95/3 448A 6240.0 56.0 - 61.0 8000	08043 1200 03 KSM	3 x 120 + 3 G 70/3	344A	4128.0	48.0 - 52.0	5800
	08043 1500 03 KSM		391A	4992.0	52.0 - 56.0	6700
08043 2400 03 KSM	08043 1850 03 KSM	3 x 185 + 3 G 95/3	448A	6240.0	56.0 - 61.0	8000
	08043 2400 03 KSM	3 x 240 + 3 G 120/3	528A	8064.0	64.0 - 70.0	10800