



Sapflex PS09 TPE

Highly flexible control cable for constant moving applications under heavy duty conditions. The cable is halogen-free, flame-retardant and resistant to most chemicals used in industrial environment with higher number of cycles upto 10 million

- TPE outer jacket.
- Flame-retardant
- For low duty flexing applications.
- Oil and bio-oil-resistant
- Bending Radius :- 7 x d
- Temperature :- +23 °F to +158 °F (-5 °C to +100 °C)
- Unsupported :- (11 m/s)
- Hydrolysis and microbe-resistant

Travel Distance :- Unsupported travel distances up to 400 m for outdoor application Class 6

Insulation :- Mechanically high-quality TPE

Colour code :- As Per RFQ

Construction :- Conductors cabled with an optimised pitch length

Conductor :- Conductor consisting of bare copper wires (DIN EN 50363)

Outer Jacket :- Low-adhesion mixture on the basis of PUR, adapted to suit the requirements in Drag chain, as per IEC 60332-1-2

Nominal voltage 600/1100 v

Test voltage 4000 v

Higher number of cycles upto 10 million

- For medium mechanical load requirements,
- Unsupported travel distances and for gliding applications up 400 m,
- Without influence of oil,
- Torsion ±90°, with 3.281 ft (1m) cable length,
- Preferably indoor applications
- Wood/stone processing, Packaging industry, supply systems, Handling, adjusting equipment





Item name	Colour	Number of cores & Cross Section	Outer Diameter. mm	Cop index Kg/km	Weight Kg/km
PS09-05-05	GR/BIk	5 x 0.5	6.0	25	47
PS09-05-07	GR/BIk	7 x 0.5	7.0	36	65
PS09-05-12	GR/BIk	12 x 0.5	10.0	61	115
PS09-05-18	GR/BIk	18 x 0.5	11.5	91	169
PS09-05-25	GR/BIk	25 x 0.5	13.0	124	223
PS09-05-36	GR/BIk	36 x 0.5	15.5	179	316
PS09-07-04	GR/BIk	4 G 0.75	6.0	31	55
PS09-07-05	GR/BIk	5 G 0.75	6.5	38	65
PS09-07-07	GR/BIk	7 G 0.75	8.0	54	90
PS09-07-12	GR/BIk	12 G 0.75	10.5	91	162
PS09-07-20	GR/BIk	20 G 0.75	13.0	149	253
PS09-07-25	GR/BIk	25 G 0.75	14.5	186	315
PS09-10-03	GR/BIk	3 G 1.0	6.0	31	52
PS09-10-04	GR/BIk	4 G 1.0	6.5	41	67
PS09-10-05	GR/BIk	5 G 1.0	7.5	50	81
PS09-10-12	GR/BIk	12 G 1.0	11.5	120	203
PS09-10-18	GR/BIk	18 G 1.0	14.0	179	297
PS09-10-25	GR/BIk	25 G 1.0	16.5	248	420
PS09-15-02	GR/BIk	2 x 1.5	7.	38.	56
PS09-15-04	GR/BIk	4 G 1.5	8.	62.	92



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PS09-15-05	GR/Blk	5 G 1.5	8.0	74.	110
PS09-15-07	GR/Blk	7 G 1.5	10.	106.	157
PS09-15-12	GR/Blk	12 G 1.5	14.	191.	284
PS09-15-18	GR/Blk	18 G 1.5	17.	284.	422
PS09-15-25	GR/Blk	25 G 1.5	20.0	403.	600
PS09-15-36	GR/Blk	36 G 1.5	24.	569.	847
PS09-25-04	GR/Blk	4 G 2.5	9.	102.	151
PS09-25-05	GR/Blk	5 G 2.5	10.0	125.0	186
PS09-25-07	GR/Blk	7 G 2.5	12.0	181.	269
PS09-25-12	GR/Blk	12 G 2.5	18.	331.	492
PS09-25-16	GR/Blk	16 G 2.5	20.	440.	654
PS09-25-18	GR/Blk	18 G 2.5	23.	515.	766
PS09-25-25	GR/Blk	25 G 2.5	24.	659.	980
PS09-40-04	GR/Blk	4 G 4.0	11.	153.	227
PS09-60-05	GR/Blk	4 G 6.0	13.	213.0	317
PS09-60-05	GR/Blk	5 G 6.0	14.	261.	389
PS09-100-04	GR/Blk	4 G 10.0	17.	369.	549
PS09-160-04	GR/Blk	4 G 16.0	21.	587.	873
PS09.250.04	GR/Blk	4G 25	29	795	962
PS09-100-05	GR/Blk	5G 10	19	550	729



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