



Sapflex PS19s TPE Shielded

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 300/500 v

Test voltage 2000 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
PS19s-01-12	GR/Blk	12 x 0.14	8.0	38	78
PS19s-01-18	GR/Blk	18 x 0.14	9.5	64	121
PS19s-02-04	GR/Blk	4 x 0.25	6.5	24	49
PS19s-02-08	GR/Blk	8 x 0.25	8.0	40	78
PS19s-02-12	GR/Blk	12 x 0.25	9.5	66	122
PS19s-02-25	GR/Blk	25 x 0.25	12.5	112	212
PS19s-03-05	GR/Blk	5 x 0.34	7.0	34	63
PS19s-05-04	GR/Blk	4 x 0.5	7.0	37	67
PS19s-05-05	GR/Blk	5 x 0.5	7.5	43	76
PS19s-05-07	GR/Blk	7 x 0.5	8.5	57	99
PS19s-05-12	GR/Blk	12 x 0.5	11.5	106	185
PS19s-05-18	GR/Blk	18 x 0.5	13.5	144	251
PS19s-05-25	GR/Blk	25 x 0.5	15.0	186	318
PS19s-07-04	GR/Blk	4 G 0.75	7.5	48	83
PS19s-07-05	GR/Blk	5 G 0.75	8.0	58	95
PS19s-07-07	GR/Blk	7 G 0.75	9.5	89	140
PS19s-07-12	GR/Blk	12 G 0.75	12.0	136	230
PS19s-07-20	GR/Blk	20 G 0.75	15.0	212	345
PS19s-07-25	GR/Blk	25 G 0.75	16.0	253	420
PS19s-10-02	GR/Blk	2 x 1.0	7.5	37	70



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PS19s-10-03	GR/Blk	3 G 1.0	7.5	48	80
PS19s-10-04	GR/Blk	4 G 1.0	8.0	61	99
PS19s-10-05	GR/Blk	5 G 1.0	8.5	70	116
PS19s-10-07	GR/Blk	7 G 1.0	10.0	109	170
PS19s-10-12	GR/Blk	12 G 1.0	13.5	175	286
PS19s-10-18	GR/Blk	18 G 1.0	15.5	246	391
PS19s-10-25	GR/Blk	25 G 1.0	18.0	322	520
PS19s-15-04	GR/Blk	4 G 1.5	9.0	94	142
PS19s-15-05	GR/Blk	5 G 1.5	10.0	112	166
PS1 9s-15-07	GR/Blk	7 G 1.5	11.5	149	231
PS19s-15-12	GR/Blk	12 G 1.5	15.5	243	383
PS19s-15-18	GR/Blk	18 G 1.5	19.0	372	579
PS19s-25-04	GR/Blk	4 G 2.5	11.0	140	220
PS19s-25-07	GR/Blk	7 G 2.5	13.5	228	347
PS19s-25-12	GR/Blk	12 G 2.5	19.5	375	619
PS19s-40-04	GR/Blk	4 G 4.0	12.5	208	305
PS19s-40-05	GR/Blk	5 G 4.0	13.5	254	370



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