



ÖLFLEX® 100 I SY

Colour coded PVC power and control cable with steel wired braiding



Info

- Steel wire Braiding for extra mechanical protection

Benefits

- Extra mechanical protection due to braided steel wire
- High electrical performance due to 4 kV test voltage

- Area with high mechanical stress
- Fixed installation

Product features

- Flame retardant: According to IEC 60332-1

Application range

- Plant engineering and installation, Industrial machinery
- Power circuit for Air conditioning installations
- Main power circuit to individual apartments

Product Make-up

- Conductor : Bare copper wires of fine strands
- Insulation : PVC Type A
- Inner Sheath : PVC Type ST1
- Copper braid with approx. 65% coverage
- Outer Sheath: PVC ST 1 Grey (RAL 7001)

Technical data

- Core identification code**
Coloured
- Conductor stranding**
Bare copper, fine wire strand class 5 in acc. to IS 8130-1984
- Minimum bending radius**
Occasional fixing Installation: 20 x OD,
Fixed installation: 6 X Cable OD
- Nominal voltage**
UM : 1100, Up to and including 1100 V
- Temperature range**
-15°C up to +70°C

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® 100 I SY					
380100200	2 X 0.5	8.8	transparent	9.0	111
380100310	3 G 0.5	9.2	transparent	14.0	125
380100410	4 G 0.5	9.9	transparent	18.0	141
380110310	3 G 0.75	9.7	transparent	20.0	141
380110410	4 G 0.75	10.5	transparent	26.0	159
380120200	2 X 1.0	9.6	transparent	17.0	136
380130310	3 G 1.5	10.9	transparent	37.0	181
380140300	3 X 2.5	12.7	transparent	63.0	249
380150310	3 G 4	14.5	transparent	104.0	353
380160300	3 X 6	16.1	transparent	158.0	458
380160510	5 G 6	19.4	transparent	261.0	663
380161310	3 G 10	19.7	transparent	260.0	685
380162400	4 X 16	24.7	transparent	542.0	1,172
380164310	3 G 35	30.7	transparent	886.0	1,822
380164410	4 G 35	34.1	transparent	1,181.0	2,280
380120505	5 X 1.0	10.9	grey	43.0	221
ÖLFLEX® 100 I SY UVAR					
380110225	2 X 0.75	9.3	grey	13.0	134
380110335	3 G 0.75	9.7	grey	20.0	148
380110435	4 G 0.75	10.5	grey	26.0	168
380120335	3 G 1.0	10.1	grey	26.0	160
380120435	4 G 1.0	10.9	grey	34.0	197
380130225	2 X 1.5	10.3	grey	25.0	165
380130325	3 X 1.5	10.9	grey	37.0	191
380130435	4 G 1.5	11.8	grey	50.0	226
380130535	5 G 1.5	12.8	grey	62.0	264
380140435	4 G 2.5	13.8	grey	84.0	313
380140535	5 G 2.5	15.1	grey	105.0	366
380150335	3 G 4	14.5	grey	104.0	369
380150435	4 G 4	15.9	grey	138.0	447
380150535	5 G 4	17.4	grey	173.0	530
380160435	4 G 6	17.7	grey	210.0	578
380161435	4 G 10	21.8	grey	346.0	885
380161535	5 G 10	24.0	grey	433.0	1,057
380162435	4 G 16	24.7	grey	542.0	1,210
380162535	5 G 16	27.3	grey	678.0	1,483
380163435	4 G 25	30.3	grey	893.0	1,866
380163535	5 G 25	33.6	grey	1,117.0	2,255
380164535	5 G 35	37.8	grey	1,476.0	2,851
380165435	4 G 50	39.6	grey	1,659.0	3,269
380166335	3 G 70	43.5	grey	1,968.0	3,793

If not otherwise specified, all values relating to the product are nominal values. Other value information, such as tolerances, for example, can be obtained on request where available and released for publishing.
Photographs are not to scale and do not represent detailed images of the respective products.