



ÖLFLEX® 100 I CY

Colour coded screened PVC power and control cable



Info

- EMC - Compliant

Benefits

- EMC Compliant
- High electrical performance due to 4 kV test voltage

Application range

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

- For fixed installation as well as occasional flexing at free, non-continuously recurring movement without tensile load

Product features

- Flame retardant: According to IEC 60332-1

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 CY					
380400415	4 G 0.5	9.2	grey	49.0	141
380420205	2 X 1.0	8.9	grey	47.0	131
380420415	4 G 1.0	10.2	grey	67.0	175
380430205	2 X 1.5	9.6	grey	56.0	157
380430315	3 G 1.5	10.2	grey	70.0	177
380430305	3 X 1.5	10.2	grey	70.0	177
380430415	4 G 1.5	11.1	grey	86.0	214
380440315	3 G 2.5	12.0	grey	100.0	242
380440305	3 X 2.5	12.0	grey	100.0	242
380440415	4 G 2.5	13.1	grey	126.0	300
380440405	4 X 2.5	13.1	grey	126.0	300
380460415	4 G 6	17.2	grey	286.0	572
380461415	4 G 10	21.5	grey	469.0	916
380464415	4 G 35	33.8	grey	1,384.0	2,395
380465315	3 G 50	35.4	grey	1,465.0	2,658
380465415	4 G 50	39.4	grey	1,900.0	3,305
380410410	4 G 0.75	13.1	transparent	58.0	154
380430310	3 G 1.5	17.2	transparent	70.0	172
380440200	2 X 2.5	11.3	transparent	78.0	204
380440310	3 G 2.5	12.0	transparent	100.0	235
380440300	3 X 2.5	12.0	transparent	100.0	235
380440410	4 G 2.5	13.1	transparent	126.0	291
380440400	4 X 2.5	13.1	transparent	126.0	291
380461410	4 G 10	21.5	transparent	469.0	889
380463410	4 G 25	30.0	transparent	1,079.0	1,860
380465410	4 G 50	39.4	transparent	1,900.0	3,225
ÖLFLEX® 100 I CY UVAR					
380400225	2 X 0.5	8.1	grey	35.0	107
380400335	3 G 0.5	8.5	grey	40.0	117
380420225	2 X 1.0	8.9	grey	47.0	131
380420325	3 X 1.0	9.4	grey	57.0	152
380420435	4 G 1.0	10.2	grey	67.0	175
380440335	3 G 2.5	12.0	grey	100.0	242
380440435	4 G 2.5	13.1	grey	126.0	300
380440535	5 G 2.5	14.6	grey	168.0	374
380440325	3 X 2.5	12.0	grey	100.0	242
380440425	4 X 2.5	13.1	grey	126.0	300
380464535	5 G 35	37.6	grey	1,711.0	2,922
380465335	3 G 50	35.4	grey	1,465.0	2,658
380465435	4 G 50	39.4	grey	1,900.0	3,305
380466335	5 G 35	43.2	grey	2,219.0	3,861

• 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.