



### ÖLFLEX® FIRE MC

Fire Survival cable acc. to BS 6387 for circuit integrity of CWZ category



#### Benefits

- Suitable for installation in underground tunnels where fire safety is critical
- Armouring provides excellent protection against high mechanical stress
- AR (Anti Rodent) protection against rodents.

#### Application range

- In areas whereby there is a need to maintain circuit integrity for prolonged period of time in a fire situation, these cables provide vital additional time to accomplish the evacuation of personnel, to contain and minimize the damage to equipment, plant and buildings, and to mount an effective fire fighting operation
- Specially used in wiring applications in critical life safety systems (e.g. Building Management Systems, emergency lightings, standby power supplies, lifts & elevators) in public such as airports, hotels, hospitals, subways, train stations, etc.
- Plant engineering and construction, industrial machinery, power station

#### Product features

- Fire Test : Acc to BS 6387 Cat. CWZ
- Flame Retardant: IEC 60332-1-2 & IEC 60332-3-24 (BS EN 50266-2-4)
- Halogen Free : In acc. to IEC 60754-1
- Acid and Corrosive Gases : In acc. to IEC 60754-2
- Smoke Density Test : In acc. to IEC 61034

#### Norm references / Approvals

- Ref. BS 7846
- Fire test based on BS 6387 Cat. CWZ

#### Product Make-up

- Conductor : Annealed bare copper conductor (IS 8130 / IEC 60228)
- Flame Barrier Tape : MICA
- Insulation : XLPE (BS 7655-1.3/IS 7098-1)
- Laid Up : Cores Laid together
- Inner Sheath : Low Smoke Zero Halogen with flame retardant
- Armouring : GI Round Wire
- Outer Sheath : Low Smoke Zero Halogen with flame retardant of colour BK / RD and option available on additional properties UVAR

#### Info

- Fire tested acc. to BS 6387 Cat. CWZ
- Multicore with 600/1000 V

#### Technical data

- Core identification code**  
2 Cores Red & Black,  
3 Cores Red, Yellow & Blue,  
4 Cores Red, Yellow, Blue & Black,  
5 Cores Red, Yellow, Blue, Black & Green/Yellow,  
6 cores and above Black Cores with Numerical Printing
- Conductor stranding**  
Class 2
- Minimum bending radius**  
18 X OD
- Nominal voltage**  
600 / 1000 V
- Temperature range**  
-5 °C up to +90 °C

Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
<b>ÖLFLEX® FIRE MC</b>					
382030000	2 X 1.5	14.2	black	26.8	361
382030001	2 X 1.5	14.2	red	26.8	361
382030004	3 X 1.5	14.8	black	40.1	395
382030005	3 X 1.5	14.8	red	40.1	395
382030008	4 X 1.5	15.7	black	53.5	445
382030009	4 X 1.5	15.7	red	53.5	445
382030002	2 X 2.5	15.6	black	43.4	436
382030003	2 X 2.5	15.6	red	43.4	436
382030006	3 X 2.5	16.3	black	65.2	481
382030007	3 X 2.5	16.3	red	65.2	481
382030010	4 X 2.5	17.4	black	86.9	552
382030011	4 X 2.5	17.4	red	86.9	552
382030067	18 X 2.5	30.6	red	390.9	1,852
382030127	3 X 4	17.4	red	105.0	571
382030129	3 X 6	18.7	red	158.1	684
382030177	4 X 6	20.9	red	210.7	907
382030131	3 X 10	21.5	red	264.6	999
382030179	4 X 10	23.1	red	352.7	1,175
382030133	3 X 16	24.1	red	422.1	1,302
382030181	4 X 16	26.0	red	562.8	1,553
382030135	3 X 25	27.7	red	665.9	1,737
382030155	3 x 25 + 1 x 16	29.3	red	806.6	1,989
382030183	4 X 25	29.7	red	887.8	2,087
382030157	3 x 35 + 1 x 16	31.5	red	1,064.3	2,372
382030185	4 X 35	31.5	red	1,231.4	2,555
<b>ÖLFLEX® FIRE MC UVAR</b>					
382030203	2 X 1.5	14.2	red	26.8	361
382030207	3 X 1.5	14.8	red	40.1	395
382030211	4 X 1.5	15.7	red	53.5	445
382030205	2 X 2.5	15.6	red	43.4	436
382030209	3 X 2.5	16.3	red	65.2	481
382030213	4 X 2.5	17.4	red	86.9	552
382030269	18 X 2.5	30.6	red	390.9	1,852
382030376	4 X 4	18.6	black	140.0	658
382030333	3 X 10	21.5	red	264.6	999
382030335	3 X 16	24.1	red	422.1	1,302
382030337	3 X 25	27.7	red	665.9	1,737
382030397	4 X 150	52.4	red	5,194.7	8,581
382030399	4 X 180	57.3	red	6,535.1	10,405
382030401	4 X 240	63.1	red	8,561.4	13,000
382030403	4 X 300	68.5	red	10,774.1	15,720

• Photographs are not to scale and do not represent detailed images of the respective products. • 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.