



### ÖLFLEX® FIRE SC

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 provides 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 designed to be use for wiring applications in critical life safety system in public and industrial buildings such as airports, hotels, hospitals, subways, train stations, etc.
- Plant Engineering and Construction, Industrial Machinery and Power stations

#### 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)
- 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
- Single core 600/1000 V

#### Technical data

- Core identification code**  
Black
- 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 SC</b>					
382030068	1 X 4	11.9	black	35.0	265
382030069	1 X 4	11.9	red	35.0	265
382030070	1 X 6	12.5	black	52.7	302
382030071	1 X 6	12.5	red	52.7	302
382030072	1 X 10	13.6	black	88.2	374
382030073	1 X 10	13.6	red	88.2	374
382030074	1 X 16	15.4	black	140.7	529
382030075	1 X 16	15.4	red	140.7	529
382030076	1 X 25	17.3	black	222.0	700
382030077	1 X 25	17.3	red	222.0	700
382030079	1 X 35	19.8	red	307.9	959
382030081	1 X 50	21.3	red	416.4	1,153
382030083	1 X 70	27.3	red	602.4	1,463
382030085	1 X 95	27.0	red	839.0	1,985
382030087	1 X 120	28.9	red	1,053.3	2,331
382030089	1 X 150	31.0	red	1,298.7	2,720
382030091	1 X 185	35.1	red	1,633.8	3,559
382030093	1 X 240	38.0	red	2,140.3	4,280
382030095	1 X 300	41.3	red	2,693.5	5,123
382030097	1 X 400	45.2	red	3,430.3	6,194
<b>ÖLFLEX® FIRE SC UVAR</b>					
382030270	1 X 4	11.9	black	35.0	265
382030271	1 X 4	11.9	red	35.0	265
382030272	1 X 6	12.5	black	52.7	302
382030273	1 X 6	12.5	red	52.7	302
382030274	1 X 10	13.6	black	88.2	374
382030275	1 X 10	13.6	red	88.2	374
382030276	1 X 16	15.4	black	140.7	529
382030277	1 X 16	15.4	red	140.7	529
382030278	1 X 25	17.3	black	222.0	700
382030279	1 X 25	17.3	red	222.0	700
382030281	1 X 35	19.8	red	307.9	959
382030283	1 X 50	21.3	red	416.4	1,153
382030285	1 X 70	27.3	red	602.4	1,463
382030287	1 X 95	27.0	red	839.0	1,985
382030289	1 X 120	28.9	red	1,053.3	2,331
382030291	1 X 150	31.0	red	1,298.7	2,720
382030293	1 X 185	35.1	red	1,633.8	3,559
382030295	1 X 240	38.0	red	2,140.3	4,280
382030297	1 X 300	41.3	red	2,693.5	5,123
382030299	1 X 400	45.2	red	3,430.3	6,194

• 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.