



## ÖLFLEX® FIRE SC

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

### Info

- Fire tested Acc. To BS 6387 Cat. CWZ
- Single core 600/1000 V



### 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

### Technical data

	<b>Core identification code</b> Black
	<b>Conductor stranding</b> Class 2
	<b>Minimum bending radius</b> 18 X OD
	<b>Nominal voltage</b> 600 / 1000 V
	<b>Temperature range</b> -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 4.0	11.9	black	35.0	265
382030069	1 X 4.0	11.9	red	35.0	265
382030270	1 X 4.0	11.9	black	35.0	265
382030271	1 X 4.0	11.9	red	35.0	265
382030070	1 X 6.0	12.5	black	53.0	302
382030071	1 X 6.0	12.5	red	53.0	302
382030272	1 X 6.0	12.5	black	53.0	302
382030273	1 X 6.0	12.5	red	53.0	302
<b>ÖLFLEX® FIRE SC</b>					
382030072	1 X 10.0	13.6	black	88.0	374
382030073	1 X 10.0	13.6	red	88.0	374
382030274	1 X 10.0	13.6	black	88.0	374
382030275	1 X 10.0	13.6	red	88.0	374
382030276	1 X 10.0	15.4	black	141.0	529
382030074	1 X 16.0	15.4	black	141.0	529
382030075	1 X 16.0	15.4	red	141.0	529
382030277	1 X 16.0	15.4	red	141.0	529
382030278	1 X 16.0	17.3	black	222.0	700
382030076	1 X 25.0	17.3	black	222.0	700
382030077	1 X 25.0	17.3	red	222.0	700
382030279	1 X 25.0	17.3	red	222.0	700
382030280	1 X 25.0	19.8	black	308.0	959
382030078	1 X 35.0	19.8	black	308.0	959
382030079	1 X 35.0	19.8	red	308.0	959
382030281	1 X 35.0	19.8	red	308.0	959
382030080	1 X 50.0	21.3	black	416.0	1,153
382030081	1 X 50.0	21.3	red	416.0	1,153
382030282	1 X 50.0	21.3	black	416.0	1,153
382030283	1 X 50.0	21.3	red	416.0	1,153
382030082	1 X 70.0	23.7	black	602.0	1,463
382030083	1 X 70.0	23.7	red	602.0	1,463
382030284	1 X 70.0	23.7	black	602.0	1,463
382030285	1 X 70.0	23.7	red	602.0	1,463
382030084	1 X 95.0	27.0	black	839.0	1,985
382030085	1 X 95.0	27.0	red	839.0	1,985
382030286	1 X 95.0	27.0	black	839.0	1,985

Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
382030287	1 X 95.0	27.0	red	839.0	1,985
382030086	1 X 120.0	28.9	black	1,053.0	2,331
382030087	1 X 120.0	28.9	red	1,053.0	2,331
382030288	1 X 120.0	28.9	black	1,053.0	2,331
382030289	1 X 120.0	28.9	red	1,053.0	2,331
382030088	1 X 150.0	31.0	black	1,299.0	2,720
382030089	1 X 150.0	31.0	red	1,299.0	2,720
382030290	1 X 150.0	31.0	black	1,299.0	2,720
382030291	1 X 150.0	31.0	red	1,299.0	2,720
382030090	1 X 185.0	35.1	black	1,634.0	3,559
382030091	1 X 185.0	35.1	red	1,634.0	3,559
382030292	1 X 185.0	35.1	black	1,634.0	3,559
382030293	1 X 185.0	35.1	red	1,634.0	3,559
382030092	1 X 240.0	38.0	black	2,140.0	4,280
382030093	1 X 240.0	38.0	red	2,140.0	4,280
382030294	1 X 240.0	38.0	black	2,140.0	4,280
382030295	1 X 240.0	38.0	red	2,140.0	4,280
382030094	1 X 300.0	41.3	black	2,694.0	5,123
382030095	1 X 300.0	41.3	red	2,694.0	5,123
382030296	1 X 300.0	41.3	black	2,694.0	5,123
382030297	1 X 300.0	41.3	red	2,694.0	5,123
382030096	1 X 400.0	45.2	black	3,430.0	6,194
382030097	1 X 400.0	45.2	red	3,430.0	6,194
382030298	1 X 400.0	45.2	black	3,430.0	6,194
382030299	1 X 400.0	45.2	red	3,430.0	6,194

Unless specified otherwise, the shown product values are nominal values at room temperature. You can receive further values, such as tolerances, upon request if they available and have been released for publication.

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