



ÖLFLEX® POWER LV PVC FR-LSH ARM

PVC Insulated Heavy Duty Application FR-LSH PVC Armoured Cable

As per IS 1554 (Part-I) 1988



Info

- Low voltage power cable 650/1100 V
- Armoured and double sheathed FR-LSH cable for heavy duty / direct burial application

Benefits

- Wide range of product variants, up to 300 articles
- FR-LSH for increased safety
- Extra mechanical protection due to Steel Armour

Application range

- For main power distribution and lighting circuits in residential and commercial areas
- Power and control circuit
- Telecom power supply
- Suitable for direct burial installations as well as in air or ducts
- Armoured cable best suitable for heavy duty installations
- Particularly where human and animal life as well as valuable property are exposed to risk of fire hazards

Product features

- Flame retardant: According to IEC 60332-1-2 / IEC 60332-3-24
- UV - resistant outer sheath for outdoor application and AR best suitable anti rodent application

- Oxygen Index (Min.): >29% as per ASTM D 2863 (only for FRLS Outer Sheath)
- Temp. Index (Min.): >250 Deg C as per ASTM D 2863 (only for FRLS Outer Sheath)
- HCL gas emission (Max.): 20% By weight; Smoke Density : Min. Visibility 40% (only for FRLS Outer Sheath)

Norm references / Approvals

- IS 1554 (Part-I) 1988

Product Make-up

- Conductor : Annealed bare copper conductor of Class II as per IS 8130
- Insulation : PVC Type A as per IS 5831
- Inner Sheath :
 - i) PVC ST I as per IS 5831;
 - ii) FRLS PVC ST I
- Mechanical Protection :
 - i) WA - Aluminium Wire Armour;
 - ii) SWA - GI wire Armour;
 - iii) SSA - GI strip Armour
- Outer Sheath :
 - i) FRLS PVC ST I;
 - ii) FRLS PVC ST I with UVAR

Technical data

- Core identification code**
As per IS 1554 (Part-I) 1988
- Conductor stranding**
Class II as per IS 8130
- Minimum bending radius**
15 Times the OD
- Nominal voltage**
1100 Volts
- Temperature range**
-5°C up to +70°C

Article number	Number of cores and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® POWER LV FRLS ARM - RIYWAYC11BK				
382005437	1 X 6	11.6	51.8	217
382005449	1 X 300	35.8	2,640.8	3,702
ÖLFLEX® POWER LV FRLS SSA - RIYYC1SSAYC11BK				
382005198	3 x 25 + 1 x 16	26.3	797.0	1,679
382005222	4 X 300	68.1	10,563.0	14,158
382005197	3 X 400	64.7	10,130.4	13,450
382005208	3 x 400 + 1 x 185	70.8	11,731.9	15,544
ÖLFLEX® POWER LV FRLS SSA - RIYYSSAYC11BK				
382004829	3 x 25 + 1 x 16	26.3	797.0	1,679
382004853	4 X 300	68.1	10,563.0	14,158
382004828	3 X 400	64.7	10,130.4	13,450
382004839	3 x 400 + 1 x 185	70.8	11,731.9	15,526
ÖLFLEX® POWER LV FRLS SWA - RIYWAYC11BK				
382004780	5 G 1.0	8.0	63.1	131
ÖLFLEX® POWER LV FRLS SWA - RIYSSAYC11BK				
3803760	1 X 4	11.0	34.6	270
ÖLFLEX® POWER LV FRLS SWA - RIYYC1SWAYC11BK				
382005050	4 X 1.5	15.0	53.3	514
382005052	6 X 1.5	16.8	79.9	600
382005109	3 X 2.5	15.4	65.2	537
382005110	4 X 2.5	16.4	87.0	623
382005183	3 X 4	16.9	103.8	667
382005209	4 X 4	18.1	138.4	763
ÖLFLEX® POWER LV FRLS SWA - RIYSSAYC11BK				
382004661	3 X 1.5	14.1	40.0	448
382004662	4 X 1.5	15.0	53.3	509
382004721	3 X 2.5	15.4	65.2	531
382004722	4 X 2.5	16.4	87.0	618
382004814	3 X 4	16.9	103.8	660
382004840	4 X 4	18.1	138.4	756

Article number	Number of cores and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® POWER LV FRLS ARM UVAR - RIYWAYC1UVAR1BK				
382005455	1 X 4	11.0	34.6	183
ÖLFLEX® POWER LV FRLS SSA UVAR - RIYSSAYC1UVAR1BK				
382004992	1 X 1000	55.8	9,017.6	11,561
ÖLFLEX® POWER LV FRLS SSA UVAR - RIYSSAYC1UVAR1BK				
382005023	3 x 25 + 1 x 16	26.3	797.0	1,674
382005047	4 X 300	68.1	10,563.0	14,140
382005022	3 X 400	64.7	10,130.4	13,433
382005033	3 x 400 + 1 x 185	70.8	11,731.9	15,526
ÖLFLEX® POWER LV FRLS SSA UVAR - RIYYC1SSAYC1UVAR1BK				
382005373	3 x 25 + 1 x 16	26.3	797.0	1,679
382005397	4 X 300	68.1	10,563.0	14,158
ÖLFLEX® POWER LV FRLS SWA UVAR - RIYSSAYC1UVAR1BK				
382004974	1 X 4	11.0	34.6	270
ÖLFLEX® POWER LV FRLS SW UVAR - RIYSSAYC1UVAR1BK				
382004856	4 X 1.5	15.0	53.3	509
382004857	5 X 1.5	15.9	66.6	572
382004916	4 X 2.5	16.4	87.0	618
382005008	3 X 4	16.9	103.8	660
382005034	4 X 4	18.1	138.4	756
ÖLFLEX® POWER LV FRLS SWA UVAR - RIYYC1SWAYC1UVAR1BK				
382005225	4 X 1.5	15.0	53.3	514
382005285	4 X 2.5	16.4	87.0	623
382005358	3 X 4	16.9	103.8	667

• 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.