



### ÖLFLEX® POWER LV HR PVC FR-LSH ARM

PVC Insulated Heavy Duty Application Heat Resistant (HR) FR-LSH PVC Armoured Cable As per IS 1554 (Part-I) 1988



**i 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
- Extra mechanical protection due to Steel Armour
- FR-LSH for increased safety
- Expanded temperature application

#### 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
- For expanded temperature application
- 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 C as per IS 5831
- Inner Sheath :
  - PVC ST II as per IS 5831;
  - FRLS PVC ST II
- Mechanical Protection :
  - WA - Aluminium Wire Armour;
  - SWA - GI wire Armour;
  - SSA - GI strip Armour
- Outer Sheath :
  - FRLS PVC ST II;
  - FRLS PVC ST II 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 +85°C

Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
<b>ÖLFLEX® POWER LV HR FRLS ARM - RIY3WAYC21BK</b>				
382007764	1 X 4	11.0	34.6	183
<b>ÖLFLEX® POWER LV HR FRLS SSA - RIY3Y2SSAYC21BK</b>				
382007157	3 x 25 + 1 x 16	26.3	797.0	1,674
382007181	4 X 300	68.1	10,563.0	14,140
382007156	3 X 400	64.7	10,130.4	13,433
<b>ÖLFLEX® POWER LV HR FRLS SSA - RIY3SSAYC21BK</b>				
382007126	1 X 1000	55.8	9,017.6	11,561
<b>ÖLFLEX® POWER LV HR FRLS SWA - RIY3SSAYC21BK</b>				
382007108	1 X 4	11.0	34.6	270
<b>ÖLFLEX® POWER LV HR FRLS SWA - RIY3Y2SWAYC21BK</b>				
382006989	3 X 1.5	14.1	40.0	448
382006990	4 X 1.5	15.0	53.3	509
382007049	3 X 2.5	15.4	65.2	531
382007050	4 X 2.5	16.4	87.0	618
382007142	3 X 4	16.9	103.8	660
382007168	4 X 4	18.1	138.4	756
382007526	3 x 25 + 1 x 16	26.3	797.0	1,679
382007550	4 X 300	68.1	10,563.0	14,158
382007525	3 X 400	64.7	10,130.4	13,450
<b>ÖLFLEX® POWER LV HR FRLS SWA - RIY3YC2SWAYC21BK</b>				
382007377	3 X 1.5	14.1	40.0	452
382007378	4 X 1.5	15.0	53.3	514
382007437	3 X 2.5	15.4	65.2	537
382007438	4 X 2.5	16.4	87.0	623
382007511	3 X 4	16.9	103.8	667
382007537	4 X 4	18.1	138.4	763

Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
<b>ÖLFLEX® POWER LV HR FRLS ARM UVAR - RIY3WaYC2UVAR1BK</b>				
382007783	1 X 4	11.0	34.6	183
<b>ÖLFLEX® POWER LV HR FRLS SSA UVAR - RIY3Y2SSAYC2UVAR1BK</b>				
382007351	3 x 25 + 1 x 16	26.3	797.0	1,674
382007375	4 X 300	68.1	10,563.0	14,140
382007350	3 X 400	64.7	10,130.4	13,433
<b>ÖLFLEX® POWER LV HR FRLS SSA UVAR - RIY3YC2SSAYC2UVAR1BK</b>				
382007701	3 x 25 + 1 x 16	26.3	797.0	1,679
382007725	4 X 300	68.1	10,563.0	14,158
<b>ÖLFLEX® POWER LV HR FRLS SWA UVAR - RIY3Y2SWAYC2UVAR1BK</b>				
382007183	3 X 1.5	14.1	40.0	448
382007184	4 X 1.5	15.0	53.3	509
382007243	3 X 2.5	15.4	65.2	531
382007244	4 X 2.5	16.4	87.0	618
382007336	3 X 4	16.9	103.8	660
382007362	4 X 4	18.1	138.4	756
<b>ÖLFLEX® POWER LV HR FRLS SWA UVAR - RIY3YC2SWAYC2UVAR1BK</b>				
382007552	3 X 1.5	14.1	40.0	452
382007553	4 X 1.5	15.0	53.3	514
382007612	3 X 2.5	15.4	65.2	537
382007613	4 X 2.5	16.4	87.0	623
382007686	3 X 4	16.9	103.8	667
382007712	4 X 4	18.1	138.4	763
<b>ÖLFLEX® POWER LV HR FRLS SWA UVAR - RIY3SWAYC2UVAR1BK</b>				
382007308	1 X 50	18.0	410.1	959

• 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.