

ÖLFLEX® POWER TPR 90 SDI

Flexible power cables



Info

- Highly flexible SDI
- Oil-, abrasion- and UV-resistant
- The previous product designation was TP90/TP90 Single Core



Benefits

- Ideal alternative for H07RN-F with improve characteristics

Application range

- Connection of electrical equipment, drills, boilers, etc.
- For transportable motors or machines
- Suitable for power application

Product features

- Flame retardant acc. to AS/NZS 1660.5.6 resp. to IEC 60332-1-2

- Oil resistant acc. to IEC 608 11-2-1
- UV-resistant outer sheath for outdoor application
- Good abrasion and tearing properties
- Also available in gnye color but in single insulation only

Product Make-up

- Extra fine strands of bare copper wires
- TPR core insulation
- TPR outer sheath, black or orange

Technical data

- Classification**
ETIM 5.0 Class-Description: Low voltage power cable
ETIM 5.0 Class-ID: EC000057
- Core identification code**
white
- Specific insulation resistance**
> 5 MOhm x km
- Conductor stranding**
Extra fine wire acc. to AS/NZS 1125 Cl.6 / IEC 60228 Cl.6
- Minimum bending radius**
occasional flexing: 15 x cable diameter
fixed installation: 5 x cable diameter
- Nominal voltage**
U₀/U: 600/1000 V
- Temperature range**
-30°C to +90°C

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Colour	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® POWER TPR 90 SDI					
3801449	1 X 2.5	6.6	orange	24.0	59
3801797	1 X 2.5	6.6	black	24.0	59
3801450	1 X 4	6.9	orange	38.4	74
3801780	1 X 4	6.9	black	38.4	74
3801451	1 X 6	7.5	orange	57.6	97
3801781	1 X 6	7.5	black	58.0	97
3801452	1 X 10	8.4	orange	96.0	139
3801782	1 X 10	8.4	black	96.0	139
3801453	1 X 16	9.6	orange	153.6	200
3801783	1 X 16	9.6	black	154.0	200
3801454	1 X 25	10.9	orange	240.0	284
3801784	1 X 25	10.9	black	240.0	284
3801455	1 X 35	12.2	orange	336.0	378
3801785	1 X 35	12.2	black	336.0	378
3801456	1 X 50	13.9	orange	480.0	522
3801786	1 X 50	13.9	black	480.0	522
3801457	1 X 70	16.0	orange	672.0	724
3801787	1 X 70	16.0	black	672.0	724
3801458	1 X 95	18.2	orange	912.0	952
3801788	1 X 95	18.2	black	912.0	952
3801459	1 X 120	20.4	orange	1,152.0	1,230
3801789	1 X 120	20.4	black	1,152.0	1,230
3801460	1 X 150	22.5	orange	1,440.0	1,510
3801790	1 X 150	22.5	black	1,440.0	1,510
3801461	1 X 185	24.7	orange	1,776.0	1,833
3801791	1 X 185	24.7	black	1,776.0	1,833
3801462	1 X 240	27.6	orange	2,301.0	2,365
3801792	1 X 240	27.6	black	2,301.0	2,365
3801463	1 X 300	32.1	orange	2,880.0	3,047
3801793	1 X 300	32.1	black	2,880.0	3,047
3801464	1 X 400	37.7	orange	3,840.0	3,955
3801794	1 X 400	37.7	black	3,840.0	3,955
3801465	1 X 500	41.1	orange	4,800.0	4,916
3801795	1 X 500	41.1	black	4,800.0	4,916
3801466	1 X 630	45.9	orange	6,048.0	6,426
3801796	1 X 630	45.9	black	6,048.0	6,426

• 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.

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