

# ÖLFLEX® POWER TPR 90 SDI

## Flexible power cables



**Info**

- Highly flexible SDI
- Oil- and UV-resistant

### Benefits

- Ideal alternative for H07RN-F with improve characteristics
- Highly flexible single core dual insulation

### 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 60811-2-1
- UV-resistant outer sheath for outdoor application
- Also available in gnye color but in single insulation only

### Approvals (Norm references)



### Product Make-up

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

### Technical data

- Core identification code**  
white
- Based on**  
AS/NZS 5000.1
- Specific insulation resistance**  
> 20 GOhm x cm
- 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**  
U<sub>0</sub>/U: 600/1000 V
- Test voltage**  
3500 V
- Temperature range**  
-30°C to +90°C

Article number	Conductor cross-section	Outer diameter (mm)	Colour	Copper index (kg/km)	Weight (kg/km)
3801449	2.5	7.2	orange	24.0	75
3801797	2.5	7.2	black	24.0	75
3801450	4.0	7.9	orange	38.4	96
3801780	4.0	7.9	black	38.4	96
3801451	6.0	8.5	orange	57.6	125
3801781	6.0	8.5	black	58.0	125
3801452	10.0	9.4	orange	96.0	181
3801782	10.0	9.4	black	96.0	181
3801453	16.0	10.6	orange	153.6	260
3801783	16.0	10.6	black	154.0	260
3801454	25.0	12.5	orange	240.0	385
3801784	25.0	12.5	black	240.0	385
3801455	35.0	13.8	orange	336.0	513
3801785	35.0	13.8	black	336.0	513
3801456	50.0	15.4	orange	480.0	714
3801786	50.0	15.4	black	480.0	714
3801457	70.0	17.2	orange	672.0	964
3801787	70.0	17.2	black	672.0	964
3801458	95.0	19.5	orange	912.0	1297
3801788	95.0	19.5	black	912.0	1297
3801459	120.0	21.8	orange	1,152.0	1614
3801789	120.0	21.8	black	1,152.0	1614
3801460	150.0	23.9	orange	1,440.0	2000
3801790	150.0	23.9	black	1,440.0	2000
3801461	185.0	26.3	orange	1,776.0	2457
3801791	185.0	26.3	black	1,776.0	2457
3801462	240.0	29.3	orange	2,301.0	3175
3801792	240.0	29.3	black	2,301.0	3175
3801463	300.0	33.0	orange	2,880.0	3947
3801793	300.0	33.0	black	2,880.0	3947
3801464	400.0	38.0	orange	3,840.0	5200
3801794	400.0	38.0	black	3,840.0	5200
3801465	500.0	42.1	orange	4,800.0	6494
3801795	500.0	42.1	black	4,800.0	6494
3801466	630.0	47.2	orange	6,048.0	8268
3801796	630.0	47.2	black	6,048.0	8268

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Photographs are not to scale and do not represent detailed images of the respective products.