

ÖLFLEX® POWER TPR 90 MC



Info

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

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

Product Make-up

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

Technical data

- Classification**
ETIM 5.0 Class-Description: Low voltage power cable
ETIM 5.0 Class-ID: EC000057
- Core identification code**
acc. to VDE 0293-308
- Specific insulation resistance**
> 5 MOhm x km
- Conductor stranding**
Fine wire acc. to AS/NZS 1125 Cl.5
IEC 60228 Cl.5
- 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)	Copper index (mm)	Weight (kg/km)
ÖLFLEX®POWER TPR 90 MC				
3802900	2 X 1.5	10.8	28.8	133
3802901	2 X 2.5	12.0	48.0	172
3802902	2 X 4	13.3	76.8	227
3802903	2 X 6	15.2	115.2	313
3802904	2 X 10	20.3	192.0	559
3802905	2 X 16	23.4	307.2	774
3802906	2 X 25	27.5	480.0	1,114
3802907	2 X 35	30.7	672.0	1,446
3801900	2 X 1.0	10.8	29.0	132
3801901	2 X 1.5	11.4	43.0	156
3801902	2 X 2.5	12.8	72.0	208
3802910	2 X 4	14.2	115.2	282
3802911	2 X 6	16.2	172.8	392
3802912	2 X 10	21.6	288.0	690
3802913	2 X 16	24.8	460.8	962
3802914	2 X 25	29.5	720.0	1,406
3802915	2 X 35	32.8	1,008.0	1,840
3802916	2 X 50	38.2	1,440.0	2,523
3802917	2 X 70	42.9	2,016.0	3,350
3802918	2 X 95	47.6	2,736.0	4,252
3802919	2 X 120	52.2	3,456.0	5,277
3801911	3 X 1.0	11.8	38.0	160
3801912	3 X 1.5	12.7	58.0	194
3801913	3 X 2.5	14.1	96.0	256
3802924	3 X 4	15.9	153.6	357
3802925	3 X 6	18.0	230.4	495
3802926	3 X 10	23.7	384.0	859
3802927	3 X 16	27.3	614.4	1,202
3802928	3 X 25	32.6	960.0	1,777
3802929	3 X 35	36.3	1,344.0	2,312
3802930	3 X 50	42.2	1,920.0	3,166
3802931	3 X 70	47.6	2,688.0	4,232
3802932	3 X 95	52.9	3,648.0	5,421
3801926	4 X 1.5	12.7	72.0	218
3801927	4 X 2.5	14.1	120.0	290
3802938	4 X 4	15.9	192.0	407

Article number	Number of cores and mm ² per conductor	Outer diameter (mm)	Copper index (mm)	Weight (kg/km)
3802939	4 X 6	18.0	288.0	569
3802940	4 X 10	23.7	480.0	983
3802941	4 X 16	27.3	768.0	1,386
3802942	4 X 25	32.6	1,200.0	2,058
3802943	4 X 35	36.3	1,680.0	2,694
3802944	4 X 50	42.2	2,400.0	3,699
3802945	4 X 70	47.6	3,360.0	4,963
3801940	6 X 1.5	15.3	100.8	296
3801942	11 X 1.5	20.7	172.8	511
3801947	17 X 1.5	24.6	259.2	728
3801948	26 X 1.5	29.8	388.8	1,060
3801949	35 X 1.5	33.7	518.4	1,375
3801941	6 X 2.5	17.0	168.0	397
3801943	11 X 2.5	23.0	288.0	679
3801903	2 X 4	13.9	101.0	257
3801904	2 X 6	15.3	139.0	332
3801905	2 X 10	20.5	230.0	589
3801906	2 X 16	23.1	365.0	799
3801907	2 X 25	27.4	538.0	1,137
3801908	2 X 35	30.6	768.0	1,492
3801914	3 X 4	15.4	139.0	328
3801915	3 X 6	17.2	197.0	431
3801916	3 X 10	22.3	326.0	748
3801917	3 X 16	25.4	518.0	1,027
3801918	3 X 25	29.8	778.0	1,462
3801919	3 X 35	33.5	1,104.0	1,940
3801920	3 X 50	38.9	1,594.0	2,677
3801921	3 X 70	44.0	2,256.0	3,590
3801928	4 X 4	17.3	178.0	406
3801929	4 X 6	19.2	254.0	537
3801930	4 X 10	24.9	422.0	924
3801931	4 X 16	29.0	672.0	1,291
3801932	4 X 25	34.4	1,018.0	1,856
3801933	4 X 35	38.6	1,440.0	2,452
3801934	4 X 50	45.2	2,074.0	3,399
3801935	4 X 70	50.3	2,990.0	4,573

• 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.