

# MEP-FR – EUROWELL 750 N

Electrical conduit according to DIN EN 61386-22  
Classification 3-3-3-3-2



### Application area

Electrical conduit for installation in vibrated, heaped and tamped concrete as well as in on-wall, in-wall, cavity wall and intermediate ceilings, in screed and on wood.

Also suitable for ground laying.

### Material

The used raw material is a flame retardant modified polyolefin, fulfilling RoHS (Restriction of Hazardous Substances / 2002/95 EG).

### Chemical resistance

Polyolefines are resistant against nearly every medium (alcohol, fat, mineral oil, motor fuel). Only concentrated and strong oxidising acids can affect polyolefines.

### Physical properties:

#### Raw material:

Elastic modulus [MPa]	DIN ISO 527-1/-2	>1300
Tensile strength [MPa]	DIN ISO 527-1/-2	> 26
Elongation at break [%]	DIN ISO 527-1/-2	> 250
Volume resistivity [ $\Omega$ cm]	DIN IEC 60093	> $10^{16}$
Surface resistivity [ $\Omega$ ]	DIN IEC 60093	> $10^{12}$

#### Tube:

Working temperature (permanent)	[°C]	- 15 up to 105
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### Standards / Classification:

Pipes with nominal diameter 16-50 are DIN EN – certified to 61386-22 classification 3-3-3-3-2 by VDE.

### Classification:

Compressive strength	750 N	3
Impact	2 kgs (height of fall: 100 mm)	3
Minimum temperature during installation	- 15°C	3
Maximum temperature in use	+105°C	3
Bending behaviour		2

Art.No.	Diameter NW [mm]	Outer $\emptyset$ [mm]	Inner $\emptyset$ [mm]	Delivery unit [m]	Packing unit [m]
2020 16 801	16	16,0	11,3	100	5.200
2029 20 801*	20	20,0	14,1	100	4.800
2029 25 801*	25	25,0	18,7	100	2.800
2029 32 850*	32	32,0	24,7	50	2.000
2020 40 825	40	40,0	32,2	25	900
2020 50 825	50	50,0	41,0	25	600

\*with Inlayer

Subject to modifications and amendments! / February 2020