Datasheet

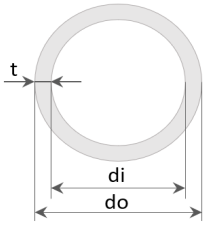
Item Code	**SEGP**
Description	Rigid steel conduit for electrical installations, sendzimir galvanised, with plain ends

Material	Fe
Colour	sendzimir galvanised
Standard	EN/IEC 61386-21, IEC 60423, IEC 60614-2-2
Compression Resistance	> 1250 N
Impact Resistance	> 6 J
Classification	EN 4456
Temperature Range	-45 °C/+250 °C
UV Stabilisation	yes

example picture

Main Dimensions [mm]

Nominal Size	Outer Diameter (do, nominal)	Tolerance	Inner Diameter (di, minimal)	Wall Thickness (t, nominal)
16	16.0	+0.0/-0.3	14.0	1.0
20	20.0	+0.0/-0.3	18.0	1.0
25	25.0	+0.0/-0.4	22.6	1.2
32	32.0	+0.0/-0.4	29.6	1.2
40	40.0	+0.0/-0.4	37.6	1.2
50	50.0	+0.0/-0.5	47.6	1.2
63	63.0	+0.0/-0.6	60.4	1.3



* According to IEC 61386 inner diameter and wall thickness are not defined and up to manufacturer's specification; given values are only approximations and may vary from actual specifications.

Packing Quantity [m]

Nominal Size	Small Packing	Large Packing
16	30	600
20	30	600
25	30	600
32	21	420
40	15	150
50	15	150
63	9	90

Areas of Recommended Application

Protective conduit against heavy machanical stresses; for installation of cables and connecting wires in the heavy industry.

surface installation	✓
concealed installation	
installation on wood	✓
embedding in poured concrete	
installation in jolted and tamped concrete	
embedding in prefabricated concrete walls and ceilings	
embedding in screed	
installation in dry lining walls and ceilings	✓
installation in machine and plant constructions	✓
outdoor installation	
installation in structural and civil engineering	

The application areas given above represent only recommendations, deviating national or local provisions and regulations have to be observed in any case.

Datasheet

Technical Data

	Unit	Specifications
Physical Properties		
Specific density	g/cm^3	7.8
Modulus of elasticity	N/mm^2	-
Elongation at break	%	-
Water absorption	%	-
Electrical Properties		
Dielectric Strength	kV/mm	-
Dielectric Constant	-	-
Fire Behaviour		
acc. IEC 61386	-	non flame propagating
Thermal Properties		
Coeffizient of linear expansion	m/m/°C	0.13x10-4
Mechanical Properties		
Cold impact resistance	J at °C	> 6 J; -45 °C
Compression strength	N/5 cm	> 1250
Classification		
Full classification acc. IEC 61386	-	4456 1140 4010

Annotations

Zinc coating 8-15µm/500g/m2.