

**Product description:**

isofix-EL-F is a light duty straight length PVC conduit, in grey (RAL 7035), non-flame propagating, in lengths of 3 m, with one pre-moulded coupling.

This straight length plastic conduit is used for exposed installations in environments requiring light compressive and mechanical strength.



Cat. No.:	Type	Inside Ø mm	Outside Ø mm	Content	PU	Weight PU/kg	Pallet content m
221 10 016	16	14,3	16	111	m	6,4	7.992
221 10 020	20	18,3	20	111	m	8,9	4.995
221 10 025	25	22,6	25	57	m	6,2	3.135
221 10 032	32	29,4	32	57	m	9,0	2.052
221 10 040	40	37,2	40	21	m	4,7	1.407
221 10 050	50	46,9	50	21	m	6,4	798

Classification	Code	Meaning	Classification	Code	Meaning
Compressive strength	2	light (320 N)	Protection against solids	4	Foreign matter >= 1.0 mm
Impact strength	2	light (1.0 kg/100 mm)	Protection against water	0	Not specified
Minimum temperature	2	- 5 °C	Corrosion protection	0	Not specified
Maximum temperature	1	+ 60 °C	Tensile strength	0	Not defined
Bending behaviour	1	rigid	Fire behaviour	1	Non flame propagating
Electrical characteristics	2	Insulation	Suspended load	0	Not defined

Standardisation

EN 61386-1:2008 + A1:2019 Conduit systems for cable management - Part 1: General requirements / Source: Official Journal of the European Union of 16 May 2014 / Applied in full

EN IEC 61386-21:2021 Conduit systems for cable management - Part 21: Particular requirements - Rigid conduit systems / Source: Official Journal of the European Union of 16 May 2014 / Applied in full

Outside diameter according to DIN EN 60423 / IEC 60423
All dimensions without tolerances are for information only.

Material properties	
Zero halogen	EN 50642
Low smoke	DIN EN 61034-2
Non-flame propagating	DIN EN 61386-1 •
UV-resistant	
Highspeed	

Fields of application	
on plaster	• machines
under plaster	• hot asphalt
on wood	• under screed
underground installation	prefabricated construction •
in concrete	outdoor

Chemical properties	
Resistant to	hydrochloric acid emissions, sulphuric acid emissions, liquid ammonia, gaseous ammonia, gasoline, diesel fuel, aqueous fertiliser salt, photographic developer, vinegar (wine vinegar), anti-freeze, fruit juices, aqueous uric acid, fuel oil, sea water, methanol, milk, mineral oil, vegetable and animal oils, paraffin, gaseous propane, nitric acid, hydrochloric acid, sulfuric acid, terpentine, detergent
Limitedly resistant to	gaseous dry chlorine
Not resistant to	benzene

Accessories		
Push-fit coupling	SMSKu-E grey	222 50 ...
Push-fit elbow	SBSKu-EM grey	222 60 ...
Clamp	clipfix grey	223 70 ...
End cap	E-Ku-E grey	259 95 ...
End cap	E-Ku-E black	259 96 ...
Divisible end cap	E-Ku-ET	259 97 ...
Divisible end cap	E-Ku-ET-UV	259 98 ...

Risk analysis

The product has been manufactured and tested according to the harmonized standards 61386-1 and 61386-21 in the sense of harmonization legislation of the EU. All safety-relevant tests have been adhered to. This product poses no further risk.

Hotline

Since technical developments cannot be foreseen, electrical installations should provide the possibility to be expanded at any time.

Information can be obtained from our technical consultants at +49 9525 88-8123

