

**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	14,8	16	111	m	6,438	7.992
221 10 020	20	18,3	20	111	m	8,880	4.995
221 10 025	25	22,3	25	57	m	6,156	3.135

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

EN 61386-21:2004 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		Fields of application	
Zero halogen	DIN VDE V 0604-2-100	<b>on plaster</b>	• machines
Low smoke	DIN EN 61034-2	<b>under plaster</b>	• hot asphalt
<b>Non-flame propagating</b>	<b>DIN EN 61386-1</b>	• <b>on wood</b>	• under screed
UV-resistant	DIN 53387	underground installation	<b>prefabricated construction</b>
Highspeed		in concrete	• outdoor

Chemical properties	
<b>Resistant to</b>	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, turpentine, detergent
<b>Limitedly resistant to</b>	gaseous dry chlorine
<b>Not resistant to</b>	benzene, beer

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