

**Product description:**

Alu Steck ES is a heavy duty push-fit conduit made of extruded aluminium, in lengths of 3m.

This aluminium conduit is used if higher mechanical strength is required and for installation outdoors. Advantages are its high compressive strength and its low weight.



VDE 0605
DIN EN 61386-21
Minimum compressive strength: 1250 N/5 cm



Cat. No.:	Type	Inside Ø mm	Outside Ø mm	Content	PU	Weight PU/kg	Pallet content m
209 10 016	16	13,5	16	30	m	3,510	5.400
209 10 020	20	17,5	20	30	m	4,200	3.600
209 10 025	25	22,4	25	30	m	6,810	2.400
209 10 032	32	29,4	32	30	m	8,700	1.440
209 10 040	40	37,4	40	15	m	5,505	1.080
209 10 050	50	47,3	50	15	m	6,495	630
209 10 063	63	60,2	63	15	m	9,705	450

Classification	Code	Meaning	Classification	Code	Meaning
Compressive strength	4	heavy (1250 N)	Protection against solids	4	Foreign matter >= 1.0 mm
Impact strength	4	heavy (2.0 kg/300 mm)	Protection against water	0	Not specified
Minimum temperature	5	- 45 °C	Corrosion protection	4	Strong inside and outside
Maximum temperature	6	+ 250 °C	Tensile strength	0	Not defined
Bending behaviour	1	rigid	Fire behaviour	1	Non flame propagating
Electrical characteristics	1	Conductive	Suspended load	0	Not defined

Standardisation

EN 61386-1:2009 Conduit systems for cable management - Part 1: General requirements / Source: Official Journal of the European Union of 16 May 2014 / Applied in full

EN 61386-21:2011 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.

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Subject to change without notice.

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

Chemical properties	
Resistant to	gasoline, benzene, diesel fuel, photographic developer, methanol, propane
Limitedly resistant to	gaseous dry chlorine
Not resistant to	acid emissions, nitric acid, hydrochloric acid, sulfuric acid

Accessories		
Push-fit coupling	AMS-E	209 50 ...
Push-fit elbow	ABS-E	209 60 ...
Push-fit end cap	AES-E	209 90 ...
Clamp	AKS-E	209 70 ...
Clamp	ASG-E	209 75 ...
Quick-connect coupling	SMK-E	205 55 ...
Threaded quick-connect nipple	SMG-E	205 75 ...
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

