

**Product description:**

Staro Gewinde-ES-V is a very heavy duty galvanised steel conduit made of rolled mild steel according to EN ISO 1461, in lengths of 3 m, with threads, one screwed-on coupling (SM-E-V).

This steel conduit is used in environments requiring extreme mechanical strength and tight connections, and for installation outdoor. Advantages are its very heavy compressive strength, temperature resistance and corrosion resistance.



VDE 0605
DIN EN 61386-21
classification: 555711
minimum compressive strength: 4000 N/5 cm

**Special features**

This product is suited for the installation of circuit integrity cables (E30/ E60/ E90) and has been tested in the system.

Cat. No.:	Type	Inside Ø mm	Outside Ø mm	Content	PU	Weight PU/kg	Pallet content m	Thread
204 10 016	16	12,7	16	30	m	12,600	1.800	M16x1,5
204 10 020	20	16,3	20	30	m	22,380	1.200	M20x1,5
204 10 025	25	21,3	25	30	m	26,700	990	M25x1,5
204 10 032	32	28,2	32	21	m	24,150	735	M32x1,5
204 10 040	40	36,2	40	15	m	23,550	600	M40x1,5
204 10 050	50	46,2	50	15	m	29,550	495	M50x1,5
204 10 063	63	58,7	63	15	m	36,750	270	M63x1,5

Classification	Code	Meaning	Classification	Code	Meaning
Compressive strength	5	very heavy (4000 N)	Protection against solids	5	Dust-protected
Impact strength	5	very heavy (6.8 kg/300 mm)	Protection against water	0	Not specified
Minimum temperature	5	- 45 °C	Corrosion protection	4	Strong inside and outside
Maximum temperature	7	+ 400 °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
Thread in accordance with DIN EN 60423 / IEC 60423, pitch M.. x 1.5 mm

All dimensions without tolerances are for information only.

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Subject to change without notice.

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Staro Gewinde-ES-V

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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	oils, paint, water, weak alkalis and solvents
Limitedly resistant to	acids and strong bases
Not resistant to	sulphur

Accessories		
Threaded coupling	SM-E-V	204 50 ...
Threaded elbow	SB-E-V	204 60 ...
Threaded end cap	SE-E-V	204 90 ...
Clamp	SSG-E-V	205 70 ...
Lock ring	SGR-E-V	
Threaded quick-connect nipple	SMG-E	205 75 ...
Quick-connect coupling	SMK-E	205 55 ...
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

