



Staro Steck-ES-V

44571



Product description:

Staro Steck-ES-V is a heavy duty galvanised conduit made of rolled mild steel according to EN ISO 1461, in lengths of 3 m.

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



VDE 0605
DIN EN 61386-21
classification: 445711
minimum compressive strength: 1250 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 |
|------------|------|-------------|--------------|---------|----|--------------|------------------|
| 205 10 016 | 16 | 13,3 | 16 | 30 | m | 12,300 | 1.800 |
| 205 10 020 | 20 | 17,3 | 20 | 30 | m | 4,980 | 1.200 |
| 205 10 025 | 25 | 22,1 | 25 | 30 | m | 21,000 | 990 |
| 205 10 032 | 32 | 29,0 | 32 | 21 | m | 18,480 | 735 |
| 205 10 040 | 40 | 37,0 | 40 | 15 | m | 16,500 | 600 |
| 205 10 050 | 50 | 47,0 | 50 | 15 | m | 21,750 | 495 |
| 205 10 063 | 63 | 59,9 | 63 | 15 | m | 27,150 | 270 |

| 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 | 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 61386-1:2008 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.



Staro Steck-ES-V

44571

| 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 | | |
|-------------------------------|--------------|------------|
| Push-fit coupling | SMS-E-V | 205 50 ... |
| Push-fit elbow | SBS-E-V | 205 60 ... |
| Push-fit end cap | SES-E-V | 205 90 ... |
| Clamp | SSG-E-V | 205 70 ... |
| 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