



product description: halogen-free rigid double-coated pipe designed for mechanical protection of all kinds of power and data wiring, installed under the ground

the pipe is available in form of a bar, the coupling is put on one end of it

the connection is sealed dust/sand resistant

the protection class is IP 67 while using a sealing ring up to Ø 110 mm and for Ø 160 mm

in case of mechanical compaction of layers above the protector, take care not to exceed the value of the load capacity of the protector - see catalogue PIPE PROTECTORS

the product may be subject to ordinary surface mechanical damage (marks, dents, scratches and rib deformation) of the outer wall of the pipe due to manufacturing technology or transport, which do not affect the functionality of the product

material: HDPE

halogen-free: yes

self-snuffing: no

operating thermal resistance: -45 - +60 °C

mounting thermal resistance: -5 - +60 °C

fire class for underlying material: A1

UV stable: no

mechanical resistance: 450 N / 20 cm

protection types: IP40 (IP67 up to Ø 110 mm and for Ø 160 mm)

meets the requirements: EN 61386-24:11, EN 61386-1 ed.2:09

storage: ČSN 64 0090

length tolerance: ±1%



accessories: couplings, sealing rings, closing plugs, distance spacers

chemical resistance: YES: acetone, amoniak 25%, distilled water, ethanol 50%, sodium hydroxide 60%, hydrofluoric acid 40%, acetic acid 5%, sulfuric acid 96%, medicinal oil, methanol, olive oil, petroleum, hydrogen peroxide 20%, transformer oil, sodium carbonate

NO: anilin, chlorinated hydrocarbons, tetrachlorocarbon

| item number | dn outer Ø (mm) | di min. inner Ø (mm) | length (m) | weight 1 pc = 6 m (kg) | package (m) | package dimension (cm) | color | comment |
|--------------------|-----------------------|----------------------------|---------------|------------------------------|----------------|------------------------------|-------|----------|
| KD 09040_BC | 40 | 32 | 6 | 1,1 | 432 | 45x45x605 | red | to order |
| KD 09050_BC | 50 | 41 | 6 | 1,2 | 360 | 82x66x605 | red | |
| KD 09050_CC | 50 | 41 | 6 | 1,2 | 360 | 82x66x605 | blue | |
| KD 09050_FC | 50 | 41 | 6 | 1,2 | 360 | 82x66x605 | black | |
| KD 09063_BC | 63 | 52 | 6 | 1,5 | 312 | 80x52x605 | red | |
| KD 09075_BC | 75 | 61 | 6 | 2,0 | 312 | 104x88x607 | red | |
| KD 09075_CC | 75 | 61 | 6 | 2,0 | 312 | 104x88x607 | blue | |
| KD 09090_BC | 90 | 75 | 6 | 2,5 | 312 | 120x76x607 | red | |
| KD 09110_BC | 110 | 94 | 6 | 3,5 | 462 | 110x97x610 | red | |
| KD 09110_CC | 110 | 94 | 6 | 3,5 | 216 | 84x67x610 | blue | |
| KD 09110_FC | 110 | 94 | 6 | 3,5 | 216 | 84x67x610 | black | |
| KD 09125_BA | 125 | 108 | 6 | 4,7 | 288 | 115x73x610 | red | |
| KD 09125_BC | 125 | 108 | 6 | 4,7 | 306 | 121x74x610 | red | |
| KD 09160_BC | 160 | 136 | 6 | 6,7 | 198 | 122x77x610 | red | |
| KD 09160_CC | 160 | 136 | 6 | 6,7 | 198 | 122x77x610 | blue | |
| KD 09160_FC | 160 | 136 | 6 | 6,7 | 198 | 122x77x610 | black | |
| KD 09200_BC | 200 | 176 | 6 | 8,9 | 120 | 122x74x615 | red | |
| KD 09200_FC | 200 | 176 | 6 | 8,9 | 162 | 122x74x615 | black | to order |