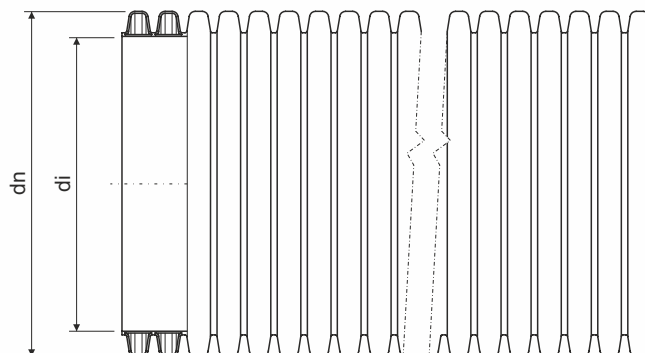


INVALID

KOPODUR®



product description:

halogen-free rigid double-coated pipe designed for mechanical protection of all kinds of power and data wiring

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

when using a sealing ring, the protection class is IP 67

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

pipe certification: EN 61386-24:11, EN 61386-1 ed.2:09

made from plastic: HDPE - halogen-free

self-snuffing: no

pipe outer surface: corrugated

pipe inner surface: smooth

mechanical resistance: 450 N / 20 cm

protection types: IP40 (IP67)

length tolerance: $\pm 1\%$

pipe inner diameter and multiwired cable diameter ratio: 1,5

pipe inner diameter and singlewired cable diameter ratio: 2,0

fire class for underlying material: A1

UV stable: no

plastic pipe characteristics:

density: 956 kg/m³

melt flow rate (190/5): 1,3 g/10 min

yield stress: 27 MPa

tensile strain at yield: 10%

Charpy notched impact strength 23 °C: 17 kJ/m²

Charpy notched impact strength -30 °C: 10 kJ/m²

flexural modulus: 1300 MPa

ESCR F50; 50 °C; 100% detergent: 10 h

Vicat softening temperature: 125 °C

thermal resistance for storage: -45 - +60 °C

thermal resistance for mounting: -5 - +60 °C

warrenty time: 2 years

service time: >30 years

recycling codes:



pipe



wood frame



steel tape

item number	configuration	dn outer R (mm)	min. di inner R (mm)	pipe w all thickness (mm)	length (m)	weight 1 pc = 6 m (kg)	package (m)	package size (cm)	color
KD 09050	BC	50	37	4,5	6	1,2	360	82x66x605	red
	CC	50	37	4,5	6	1,2	360	82x66x605	blue
	FC	50	37	4,5	6	1,2	360	82x66x605	black
KD 09063	BC	63	47	5,5	6	1,5	312	80x52x605	red
KD 09075	BC	75	56	7,0	6	2,0	312	104x88x607	red
	CC	75	56	7,0	6	2,0	312	104x88x607	blue
KD 09090	BC	90	67	7,5	6	2,5	312	120x76x607	red
	CC	90	67	7,5	6	2,5	312	120x76x607	blue
	FC	90	67	7,5	6	2,5	312	120x76x607	black
KD 09110	BC	110	82	8,0	6	3,5	462	110x97x610	red
	CC	110	82	8,0	6	3,5	216	84x67x610	blue
	FC	110	82	8,0	6	3,5	216	84x67x610	black
KD 09125	BA	125	94	8,5	6	4,7	288	112x72x610	red
	BC	125	94	8,5	6	4,7	306	121x74x610	red
	CC	125	94	8,5	6	4,7	288	112x72x610	blue
KD 09160	BC	160	120	12,0	6	6,7	198	122x77x610	red
	CC	160	120	12,0	6	6,7	198	122x77x610	blue
	FC	160	120	12,0	6	6,7	198	122x77x610	black
KD 09200	BC	200	150	12,5	6	8,9	120	122x74x615	red

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

chemical resistance: YES: acetone, ammonia 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: aniline, chlorinated hydrocarbons, tetrachlorocarbon