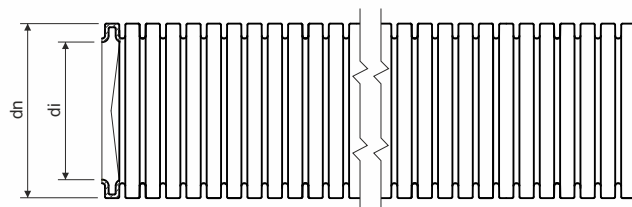


MONOFLEX®



product description:

the pipes are intended for installation to the distribution of low voltage for surface installation into or under parget suitable for mounting into hollow walls, plaster walls and ceilings possibility to install in places with risk of flammable gases and vapor – danger zone 2 possibility to install in places with explosive risk of dust – danger zone 22

material: PVC

color: light grey, white, black

self-snuffing: yes, within 30 s

temperature resistance: -5 - +60 °C

fire class for underlying material: A1-F

UV stable: no

mechanical resistance: 320 N / 5 cm

classification according to EN 61386-1 ed. 2: 22212

meets the requirements: EN 61386-1 ed.2:09, EN 61386-22:04

storage: ČSN 64 0090

length tolerance: ± 1 %



recommendations: manufacturer recommends the assembling of plastic pipes at the temperature over 0 °C

accessories: connections for flexible pipes EN: 0216E, 0220, 0225, 0232, 0240, 0250
clamps for flexible pipes EN: 5316E, 5320, 5325, 5332, 5340, 5350

chemical resistance: YES: 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: aceton, benzen, chlorinated hydrocarbons, tetrachlorocarbon

pipes are not a breeding ground for bacteria, tested in SZÚ according to ČSN EN ISO 846:2019

list of bacteria that have been tested:
ESCHERICHIA COLI, STAPHYLOCOCCUS AUREUS, KLEBSIELLA PNEUMONIAE, PSEUDOMONAS AERUGINOSA, ENTEROCOCCUS FAECALIS, BACILLUS SUBTILIS, SALMONELLA ENTERICA, LEGIONELLA PNEUMOPHILA, CANDIDA ALBICANS

item number	dn outer Ø (mm)	di min. inner Ø (mm)	min. bending radius (mm)	package dimension (m)	weight (kg/package)	pallet package (m)	note	color
1416E_F50	16	10,5	60	50	1,9	5 400		black RAL 9005
1416E_H10	16	10,5	60	10	0,3	1 920		white
1416E_K10	16	10,5	60	10	0,3	1 920		light grey RAL 7035
1416E_K50	16	10,5	60	50	1,9	5 400		light grey RAL 7035
1416E_K50D	16	10,5	60	50	2,1	5 400	with wire	light grey RAL 7035
1420_F50	20	14,1	80	50	2,3	4 500		black RAL 9005
1420_H10	20	14,1	80	10	0,5	1 600		white
1420_K10	20	14,1	80	10	0,5	1 600		light grey RAL 7035
1420_K50	20	14,1	80	50	2,3	4 500		light grey RAL 7035
1420_K50D	20	14,1	80	50	2,5	4 500	with wire	light grey RAL 7035
1425_F50	25	17,8	100	50	3,2	3 000		black RAL 9005
1425_H10	25	17,8	100	10	0,7	900		white
1425_K10	25	17,8	100	10	0,7	900		light grey RAL 7035
1425_K50	25	17,8	100	50	3,2	3 000		light grey RAL 7035
1425_K50D	25	17,8	100	50	3,4	3 000	with wire	light grey RAL 7035
1432_F50	32	23,8	120	50	5,9	1 600		black RAL 9005
1432_H10	32	23,8	120	10	1,2	900		white
1432_K10	32	23,8	120	10	1,2	900		light grey RAL 7035
1432_K50	32	23,8	120	50	5,9	1 600		light grey RAL 7035
1432_K50D	32	23,8	120	50	6,2	1 600	with wire	light grey RAL 7035
1440_F25	40	31,2	170	25	4,7	1 000		black RAL 9005
1440_K25	40	31,2	170	25	4,7	1 000		light grey RAL 7035
1440_K25D	40	31,2	170	25	4,8	1 000	with wire	light grey RAL 7035
1450_F25	50	39,6	220	25	5,3	800		black RAL 9005
1450_K25	50	39,6	220	25	5,3	800		light grey RAL 7035

recycling symbols:



pipe



wire



pallet



foil

item number	cable diameter (mm)										
	6	8,3	8,7	9,5	10	10,3	10,9	12,3	13,2	14,4	16
number of inserted cables											
1416E	1	1	1	x	x	x	x	x	x	x	x
1420	2(3)	1	1	1	1	1	1	x	x	x	x
1425	4	2	2	1	1	1	1	1	1	1	x
1432	8	4	4	3	3	3	2	1	1	1	1
1440	13	7	6	5	5	4	4	3	3	2	1
1450	21	11	10	8	7	7	6	5	4	4	3

risks associated
with product use:

- during installation, use appropriate protective work equipment and follow safety guidelines
- use the product only for the purposes intended by the manufacturer
- use the product in an environment that complies with the manufacturer's instructions
- do not use the product if it is damaged
- follow the manufacturer's recommendations and do not exceed the number of inserted cables