



product description:

elbows with sockets on both sides designed for 90° bend  
 bending radius ensures smooth transition and allows easy retraction of wires and cables  
 for different angle than 90° is possible to use a flexible pipe and coupling  
 elbow can be used for joining rigid and flexible pipes  
 possibility to install in places with risk of flammable gases and vapor zone 2  
 possibility to install in places with explosive risk of flammable dusts zone 22

material: PVC

color: white RAL 9003, light gray RAL 7035, dark gray RAL 7012, black RAL 9005

self-snuffing: yes, within 30 s

temperature resistance: -25 - +60 °C

fire class for underlying material: A1-F

UV stable: no

mechanical protection according to EN 50102: IK09

meets the requirements: EN 61386-1 ed.2:09, EN 50102

storage: ČSN 64 0090



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, phenol solution 5%, chlorinated hydrocarbons, tetrachlorocarbon

elbows 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 pipe Ø (mm)	R (mm)	weight (g/pc)	package (pcs)	colour	for pipes
<b>4116_FB</b>	16	55	12	10 / 480	black RAL 9005	1416E
<b>4116_HB</b>	16	55	12	10 / 480	white RAL 9003	1216E
<b>4116_KB</b>	16	55	12	10 / 480	light grey RAL 7035	1516E
<b>4116_LB</b>	16	55	12	10 / 480	dark grey RAL 7012	4016E 8016E
<b>4120_FB</b>	20	70	21	10 / 240	black RAL 9005	1420
<b>4120_HB</b>	20	70	21	10 / 240	white RAL 9003	1220
<b>4120_KB</b>	20	70	21	10 / 240	light grey RAL 7035	1520
<b>4120_LB</b>	20	70	21	10 / 240	dark grey RAL 7012	4020 8020
<b>4125_FB</b>	25	85	34	10 / 120	black RAL 9005	1425
<b>4125_HB</b>	25	85	34	10 / 120	white RAL 9003	1225
<b>4125_KB</b>	25	85	34	10 / 120	light grey RAL 7035	1525
<b>4125_LB</b>	25	85	34	10 / 120	dark grey RAL 7012	4025 8025
<b>4132_FB</b>	32	110	74	10 / 60	black RAL 9005	1432
<b>4132_HB</b>	32	110	74	10 / 60	white RAL 9003	1232
<b>4132_KB</b>	32	110	74	10 / 60	light grey RAL 7035	1532
<b>4132_LB</b>	32	110	74	10 / 60	dark grey RAL 7012	4032 8032
<b>4140_FB</b>	40	135	104	5 / 35	black RAL 9005	1440
<b>4140_HB</b>	40	135	104	5 / 35	white RAL 9003	1240
<b>4140_KB</b>	40	135	104	5 / 35	light grey RAL 7035	1540
<b>4140_LB</b>	40	135	104	5 / 35	dark grey RAL 7012	4040 8040
<b>4150_FB</b>	50	170	199	5 / 30	black RAL 9005	1450
<b>4150_HB</b>	50	170	199	5 / 30	white RAL 9003	1250
<b>4150_KB</b>	50	170	199	5 / 30	light grey RAL 7035	1550
<b>4150_LB</b>	50	170	199	5 / 30	dark grey RAL 7012	4050 8050

recycling symbols:



elbow



bag



carton

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