

Water supply

Argonomy of water supply systems:
because there is no life without water



ARGO d.o.o. is a Slovenian company established in 1990. We deal with manufacturing and trade activities. Initially it was engaged in designing and production of specialised nautical equipment, deck equipment of vessels for recreational and competitive sailing. Today the sailing boat production represents 5% of the whole production.

In 1991 we added a programme of house sewage systems to the nautical programme. The programme of the production of pipes and polypropylene fittings has successfully expanded and soon surpassed the nautical programme. Today it represents as much as 70% of the production. Argo is a manufacturer of sanitary plastic products with the most wide-ranging programme in the country. The quality of our products is second to none in Slovenia and we are also successfully proving our worth in the markets of Western and Eastern Europe.

In 2001 we launched the third programme: the programme of polyethylene cable ducts which currently represents 25% of our production.

We are operating on an area of 17,000 m², 4,000 m² of those are covered.

Yearly we produce approximately 1,000 tons of polyethylene and 3,000 tons of polypropylene. We also offer our clients a comprehensive programme of pipe systems including pipes and fittings for house sewage systems, street sewage systems, drainage, plumbing etc.

Despite the fact that we are already successful in our activities we do not intend to rest. We are expanding, complementing and improving our offer. So it is no coincidence that we named our company Argo. In mythology Argo was the name of Jason's ship that carried the fearless and daring sailors into the unknown world to find the Golden Fleece. Daring, boldness and the desire to make new discoveries is the entrepreneurial spirit of the Argonauts that also pervades our company. This is why we constantly expand and upgrade our manufacturing capacities, invest in professional training, follow the world trends and develop innovative solutions.

All this enables us to reach our most important goal: the satisfaction of our customers. We strive to offer our every client not just products of high quality but also solutions that are tailored for the client's specific needs and wishes. Following this mission is also the best guarantee for an even greater success on the broader European market, including Slovenia.

Quality solutions for water supply networks

The value of natural resources, including water, is increasing because we are aware that they are not limitless. Not only because of growing need for drinking water but also due to its rarity, the techniques of water supply networks are becoming increasingly more important. Water supply networks are becoming more complex because demands are clear: to bring quality drinking water in the cheapest way possible from the reservoirs to the consumers.

The key pipe material used in this demanding task is polyethylene. Recent years have brought substantial improvements in this material. The third generation of polyethylene for pipe systems is already in use and, in most European markets, the use of polyethylene materials in pipe systems is growing.

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The advantages of using water supply pipes made of polyethylene PE 100 and PE 80

- corrosion stable which enables low maintenance costs and long-term use
- the flexibility that enables coiling the pipes in rolls, less joints, simpler and faster pipe laying, significantly reduces sensitivity to ground movements and subsidence. It also provides an advantage when renewing worn out pipelines.
- light pipe weight makes the use simpler and lowers the costs of transportation
- excellent chemical resistance – to acids, lye and solvents
- great resistance to bruising caused by abrasive parts in water
- simple connection with welding or mechanical fittings that provide a long term tightness of pipe systems at low costs

Pipes made of PE 100 have additional advantages

- substantially enlarged, long-lasting hydrostatic firmness that opens new possibilities and justifies the production of pressure pipes in greater sizes
- less sensitive to higher temperatures
- higher temperatures will slow down the deterioration of firmness
- less sensitive to low temperatures – pipes are useful even at temperatures of 0°C or lower for they are less susceptible to brittle fractures
- greater resistance to fast as well as slow spreading cracks

Choosing appropriate pipes

Pipes should be chosen depending on where they will be used. In standard water supply network for main supply of water, pipes with a diameter over 110mm are used. For house installations with lower pressure, pipes of smaller sizes are used. The branching of the distribution system should also be taken into account. Where there are more branches and consequently more changes of flow-direction, an appropriately flexible material should be used (for example PE 80). Main water supply that connects the location where the water is prepared with the distribution network is usually done with pipes made of PE 100.

Modern and secure water supply system

Pipes welded together and made of polyethylene represent a long-lasting tight pipe rod. Together with connecting elements long-lasting pipe systems are made that achieve the highest possible security of operation. The flexibility of PE pipes allows for rational laying techniques, lowers costs, in the event of terrain subsidence or movement, no cracks or breaks appear as they do with rigid pipes made of traditional materials.

PRODUCT – ALKETHENE

PE 80,100 PRESSURE PIPE FOR WATER SUPPLY

Ø (mm) inch(“)

EAN code

Unit

units
per roll

PE 80 PRESSURE PIPE 12.5 bar



20	1/2	383 10205 0580 3	m	100
25	3/4	383 10205 0581 0	m	100
32	1	383 10205 0582 7	m	100
40	5/4	383 10205 0583 4	m	100
50	6/4	383 10205 0584 1	m	100
63	2	383 10205 0585 8	m	100
75	2 1/2	383 10205 0569 8	m	100
90	3	383 10205 0576 6	m	100
110	3 1/2	383 10205 0577 3	m	100

PE 100 PRESSURE PIPE 10 bar






25	3/4	383 10205 0571 1	m	100
32	1	383 10205 0572 8	m	100
40	5/4	383 10205 0573 5	m	100
50	6/4	383 10205 0574 2	m	100
63	2	383 10205 0575 9	m	100
75	2 1/2	383 10205 0955 9	m	100
90	3	383 10205 0956 6	m	100
110	3 1/2	383 10205 0957 3	m	100

PE 80 PRESSURE PIPE 8 bar



25	3/4	383 10205 0560 5	m	100
32	1	383 10205 0561 2	m	100
40	5/4	383 10205 0562 9	m	100
50	6/4	383 10205 0563 6	m	100
63	2	383 10205 0564 3	m	100

PRODUCT – CLIPS FOR ALKETHENE

CLIPS	Ø (mm)	inch(“)	EAN code	Unit
CLIP ZBP – DOUBLE 	20	1/2	383 10205 1050 0	pcs
	25	3/4	383 10205 1051 7	pcs
	32	1	383 10205 1052 4	pcs
	40	5/4	383 10205 1053 1	pcs
	50	6/4	383 10205 1054 8	pcs
	63	2	383 10205 1055 5	pcs
CLIP ZMP – SINGLE, OUTER COIL 	20 ▶	1/2	383 10205 1056 2	pcs
	20 ▶	3/4	383 10205 1057 9	pcs
	20 ▶	1	383 10205 1058 6	pcs
	25 ▶	1/2	383 10205 1059 3	pcs
	25 ▶	3/4	383 10205 1060 9	pcs
	25 ▶	1	383 10205 1061 6	pcs
	32 ▶	3/4	383 10205 1062 3	pcs
	32 ▶	1	383 10205 1063 0	pcs
	32 ▶	5/4	383 10205 1064 7	pcs
	32 ▶	6/4	383 10205 1065 4	pcs
	40 ▶	1	383 10205 1066 1	pcs
	40 ▶	5/4	383 10205 1067 8	pcs
	40 ▶	6/4	383 10205 1068 5	pcs
	40 ▶	2	383 10205 1069 2	pcs
	50 ▶	5/4	383 10205 1070 8	pcs
	50 ▶	6/4	383 10205 1071 5	pcs
	50 ▶	2	383 10205 1072 2	pcs
	63 ▶	6/4	383 10205 1073 9	pcs
	63 ▶	2	383 10205 1074 6	pcs
CLIP ZFP – SINGLE, INNER COIL 	20 ▶	1/2	383 10205 1075 3	pcs
	20 ▶	3/4	383 10205 1076 0	pcs
	20 ▶	1	383 10205 1077 7	pcs
	25 ▶	3/4	383 10205 1078 4	pcs
	25 ▶	1	383 10205 1079 1	pcs
	32 ▶	3/4	383 10205 1080 7	pcs
	32 ▶	1	383 10205 1081 4	pcs
	32 ▶	5/4	383 10205 1082 1	pcs
	40 ▶	1	383 10205 1083 8	pcs
	40 ▶	5/4	383 10205 1084 5	pcs
	40 ▶	6/4	383 10205 1085 2	pcs
	50 ▶	6/4	383 10205 1086 9	pcs
	50 ▶	2	383 10205 1087 6	pcs
	63 ▶	2	383 10205 1088 3	pcs

PRODUCT – CLIPS FOR ALKETHENE

CLIPS

Ø (mm) inch(“)

EAN code

Unit

BEND ZGFP – INNER COIL



20	▶	1/2	383 10205 1089 0	pcs
20	▶	3/4	383 10205 1090 6	pcs
25	▶	1/2	383 10205 1091 3	pcs
25	▶	3/4	383 10205 1092 0	pcs
25	▶	1	383 10205 1093 7	pcs
32	▶	3/4	383 10205 1094 4	pcs
32	▶	1	383 10205 1095 1	pcs
40	▶	5/4	383 10205 1096 8	pcs
50	▶	6/4	383 10205 1097 5	pcs
50	▶	2	383 10205 1098 2	pcs
63	▶	2	383 10205 1099 9	pcs

BEND ZGMP – OUTER COIL



20	▶	1/2	383 10205 1100 2	pcs
20	▶	3/4	383 10205 1101 9	pcs
25	▶	3/4	383 10205 1102 6	pcs
32	▶	1	383 10205 1103 3	pcs
40	▶	5/4	383 10205 1104 0	pcs
40	▶	6/4	383 10205 1105 7	pcs
50	▶	6/4	383 10205 1106 4	pcs
63	▶	2	383 10205 1107 1	pcs

T-Pcs ZTP



20		1/2	383 10205 1108 8	pcs
25		3/4	383 10205 1109 5	pcs
32		1	383 10205 1110 1	pcs
40		5/4	383 10205 1111 8	pcs
50		6/4	383 10205 1112 5	pcs
63		2	383 10205 1113 2	pcs





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