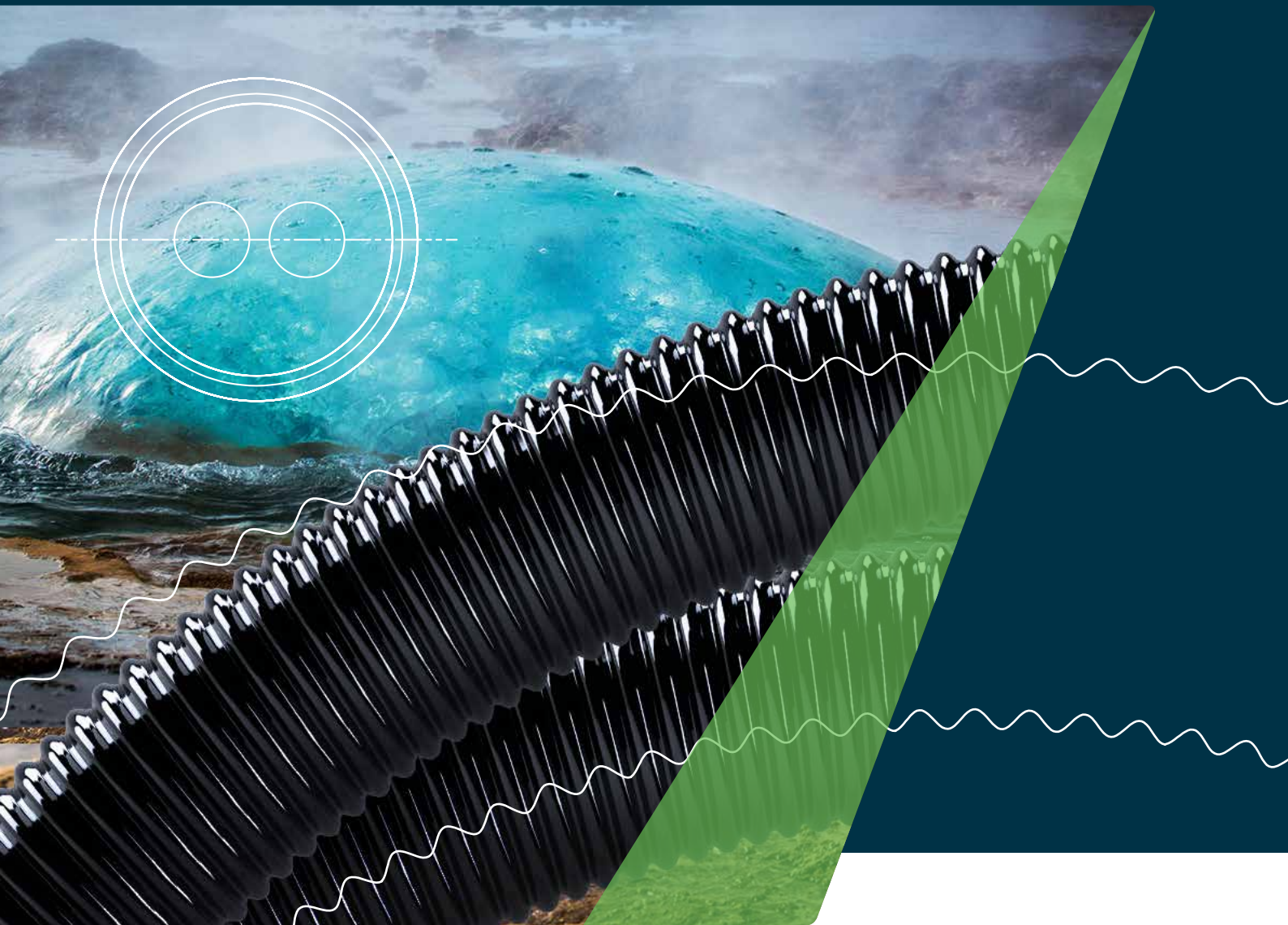


ElipeX

PREMIUM



New and flexible Pex pipes
for district heating systems.

set.is | setpipes.de

Set
Set ehf • Set Pipes GmbH



New and flexible PEX pipes and accessories for district heating systems.



Results from the last Lambda testing of Elipex Premium were 0,021 W/mK.



Elipex Premium

Insulated, flexible PEX pipes

Set manufactures pipes and accessories for district heating and cooling systems as well as for industrial oil and gas applications. Raw materials and manufacturing techniques are closely monitored and all processes are ISO 9001 certified. Set has been certified by Euroheat & Power.

The company began its manufacturing in Iceland four decades ago and has a long history in the transport of hot water and geothermal heat for both district heating and electricity production. 97% of residential housing in Iceland is heated with natural geothermal energy.

Set operates a plant in Germany where the emphasis is on new products for the European market and meeting the great demand for durable quality products. All of the company's operations have the aim of ensuring and improving the long-term qualities of the pipes so they will serve the needs of buyers in the operation of district heating systems.

Set has manufactured Elipex for many years. The latest Set product is Elipex Premium, an insulated PEX pipe with vastly improved flexibility and insulation qualities. Thanks to the improved casing tube and new insulation technique, Set can now offer the revolutionary, flexible Elipex Premium pipes.



Single - Elipex Premium

	PEX PIPE / SDR 11		CASING PIPE / ISO 1			CASING PIPE / ISO 2		
	OUTSIDE DIAMETER [mm]	WALL THICKNESS [mm]	MAXIMUM OUTSIDE DIAMETER [mm]	WEIGHT [kg/m]	HEAT LOSS [W/m-K]	MAXIMUM OUTSIDE DIAMETER [mm]	WEIGHT [kg/m]	HEAT LOSS [W/m-K]
DISTRICT HEATING	20	1,9	79	0,81	0,093	95	1,04	0,081
	25	2,3	79	0,86	0,110	95	1,08	0,095
	32	2,9	79	0,93	0,139	95	1,16	0,115
	40	3,7	95	1,28	0,143	117	1,72	0,116
	50	4,6	117	1,90	0,144	132	2,18	0,127
	63	5,8	132	2,47	0,163	143	2,88	0,149
	75	6,8	143	3,19	0,186	167	3,74	0,152
	90	8,2	167	4,23	0,192	188	4,76	0,163
	110	10,0	188	5,86	0,217	-	-	-

	PEX PIPE / SDR 7,4		CASING PIPE / ISO 1			CASING PIPE / ISO 2		
	OUTSIDE DIAMETER [mm]	WALL THICKNESS [mm]	MAXIMUM OUTSIDE DIAMETER [mm]	WEIGHT [kg/m]	HEAT LOSS [W/m-K]	MAXIMUM OUTSIDE DIAMETER [mm]	WEIGHT [kg/m]	HEAT LOSS [W/m-K]
SANITARY	20	2,8	79	0,85	0,092	95	1,08	0,081
	25	3,5	79	0,92	0,109	95	1,15	0,094
	32	4,4	79	1,04	0,138	95	1,27	0,114
	40	5,5	95	1,44	0,142	117	1,88	0,115
	50	6,9	117	2,16	0,143	132	2,44	0,126
	63	8,6	132	2,87	0,162	143	3,28	0,148



Double - Elipex Premium

DISTRICT HEATING	PEX PIPE / SDR 11		CASING PIPE / ISO 1			CASING PIPE / ISO 2		
	OUTSIDE DIAMETER [mm]	WALL THICKNESS [mm]	MAXIMUM OUTSIDE DIAMETER [mm]	WEIGHT [kg/m]	HEAT LOSS [W/m-K]	MAXIMUM OUTSIDE DIAMETER [mm]	WEIGHT [kg/m]	HEAT LOSS [W/m-K]
	20-20	1,9	117	1,47	0,122	132	1,74	0,109
	25-25	2,3	117	1,56	0,148	132	1,82	0,129
	32-32	2,9	117	1,80	0,199	132	2,08	0,165
	40-40	3,7	132	2,32	0,226	143	2,73	0,194
	50-50	4,6	167	3,63	0,210	188	4,15	0,171
	63-63	5,8	188	4,74	0,250	-	-	-

SANITARY	PEX PIPE / SDR 7,4		CASING PIPE / ISO 1			CASING PIPE / ISO 2		
	OUTSIDE DIAMETER [mm]	WALL THICKNESS [mm]	MAXIMUM OUTSIDE DIAMETER [mm]	WEIGHT [kg/m]	HEAT LOSS [W/m-K]	MAXIMUM OUTSIDE DIAMETER [mm]	WEIGHT [kg/m]	HEAT LOSS [W/m-K]
	25-20	3,5-2,8	117	1,69	0,148	152	1,96	0,129
	32-20	4,4-2,8	117	2,02	0,199	132	2,30	0,165
	40-25	5,5-3,5	132	2,65	0,226	144	2,89	0,192
	50-32	6,9-4,4	144	3,63	0,299	167	4,16	0,210



Single - AluPex

ALUPEX / SDR 7,4		CASING PIPE / ISO 1			CASING PIPE / ISO 2			CASING PIPE / ISO 3		
OUTSIDE DIAMETER [mm]	WALL THICKNESS [mm]	MAXIMUM OUTSIDE DIAMETER [mm]	WEIGHT [kg/m]	HEAT LOSS [W/m·K]	MAXIMUM OUTSIDE DIAMETER [mm]	WEIGHT [kg/m]	HEAT LOSS [W/m·K]	MAXIMUM OUTSIDE DIAMETER [mm]	WEIGHT [kg/m]	HEAT LOSS [W/m·K]
20	2,8	79	0,86	0,092	95	1,08	0,081	117	1,43	0,072
25	3,5	79	0,93	0,110	95	1,16	0,094	117	1,51	0,081
32	4,4	79	1,03	0,139	95	1,19	0,117	117	1,64	0,096
40	5,5	95	1,34	0,147	117	1,78	0,115	132	2,05	0,104



Double - AluPex

ALUPEX / SDR 7,4		CASING PIPE / ISO 1			CASING PIPE / ISO 2			CASING PIPE / ISO 3		
OUTSIDE DIAMETER [mm]	WALL THICKNESS [mm]	MAXIMUM OUTSIDE DIAMETER [mm]	WEIGHT [kg/m]	HEAT LOSS [W/m·K]	MAXIMUM OUTSIDE DIAMETER [mm]	WEIGHT [kg/m]	HEAT LOSS [W/m·K]	MAXIMUM OUTSIDE DIAMETER [mm]	WEIGHT [kg/m]	HEAT LOSS [W/m·K]
20-20	2,8	117	1,56	0,072	132	1,83	0,067	143	2,01	0,065
25-25	3,5	117	1,71	0,081	132	1,98	0,076	143	2,17	0,072
32-32	4,4	117	2,06	0,097	132	2,34	0,088	143	2,56	0,084
40-40	5,5	132	2,63	0,104	143	3,04	0,098	167	3,58	0,088

Contact **US**

Set ehf

Eyravegur 41
800 Selfoss
Iceland

☎ +354 480 2700

☎ +354 482 2099

✉ set@set.is

Set Pipes GmbH

Zum Ikenkamp 8
D-45721 Haltern am See
Germany

☎ +49 (0) 2364 508894-0

☎ +49 (0) 2364 508894-9

✉ info@setpipes.de



set.is | setpipes.de



Set ehf • Set Pipes GmbH