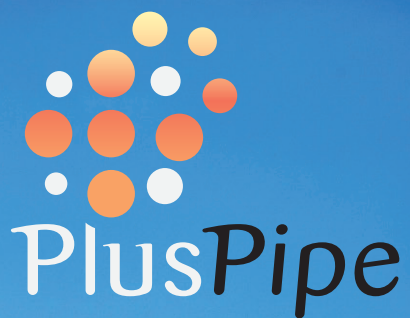
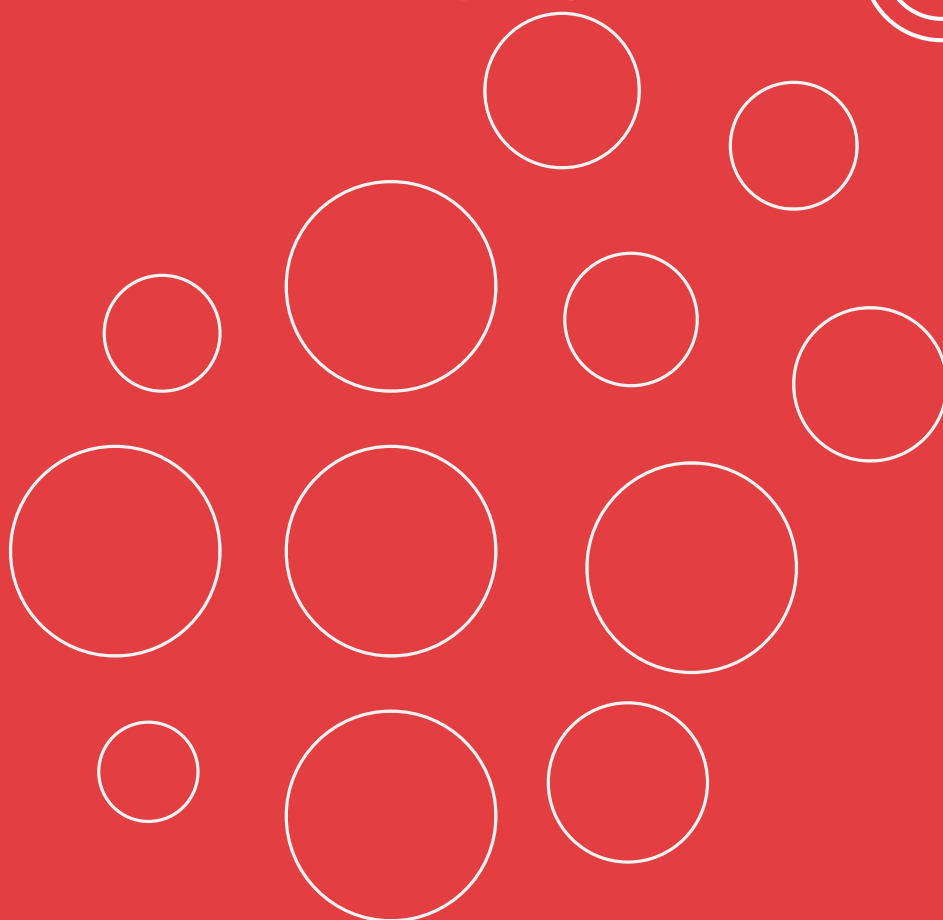




Heating Systems

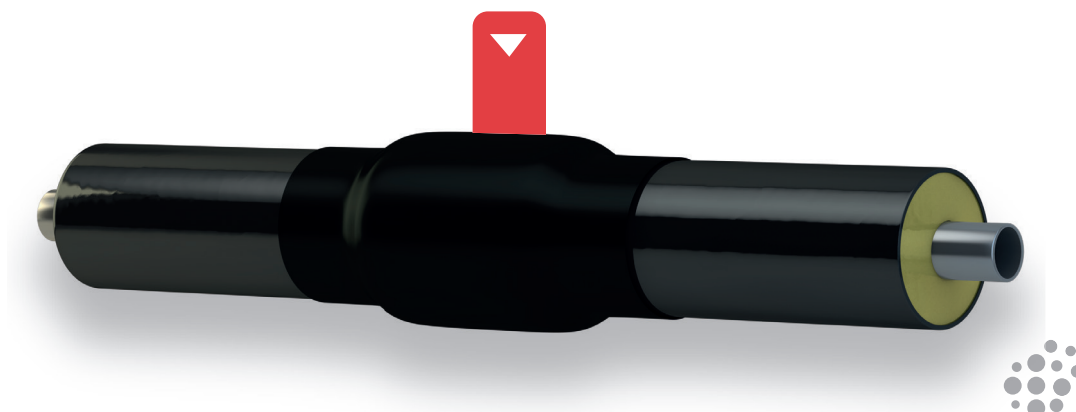


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6	WATER STOP
7	ACCESSORIES
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11	PUR HALF SHELLS
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SHRINKABLE MUFFS



MAIN PROPERTIES

• Raw material	HDPE
• Standard length	500 - 600 - 700 mm
• Packing	LDPE white foil
• Sand Box Test	100 cycles according EN 489
• Upon request	applied mastic

APPLICATIONS



Heating Systems

DIMENSIONS (mm)

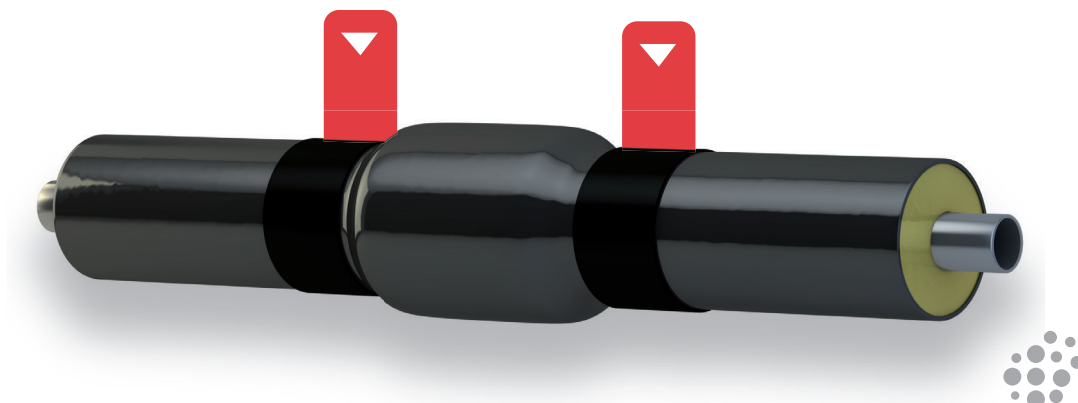
OD PIPE	ID min	e	OD PIPE	ID min	e
90	100	3.0	355	375	5.6
110	120	3.0	400	421	6.3
125	136	3.0	450	470	7.0
140	152	3.0	500	526	7.8
160	170	3.0	560	586	8.8
180	192	3.0	630	655	9.8
200	215	3.2	710	745	11.0
225	240	3.5	800	840	12.5
250	264	3.9	900	945	14.0
280	296	4.4	1000	1045	15.0
315	326	4.9	Other dimensions upon request		

REFERENCE STANDARDS

EN 489

District heating pipes - Preinsulated bonded pipe systems for directly buried hot water networks - Joint assembly for steel service pipes, polyurethane thermal insulation and outer casing of polyethylene

SHRINKABLE SLEEVES



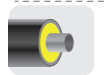
MAIN PROPERTIES

• Head material	PEX
• Adhesive	Hot-melt butyl based
• Standard width	150 - 225 - 450 - 600 mm
• Max operating T	50 °C

APPLICATIONS



Oil & Gas



Heating Systems

DIMENSIONS (mm)

OD PIPE	OD	OD SHR	OD PIPE	OD	OD SHR
90 - 110	140	50	450	510	180
125 - 140	200	60	500	560	180
160 - 180	207	60	560	610	220
200 - 225	250	75	630	710	220
250 - 280	320	90	710	770	220
315	370	120	800	860	350
355	400	150	900	960	350
400	460	180	1000	1060	350

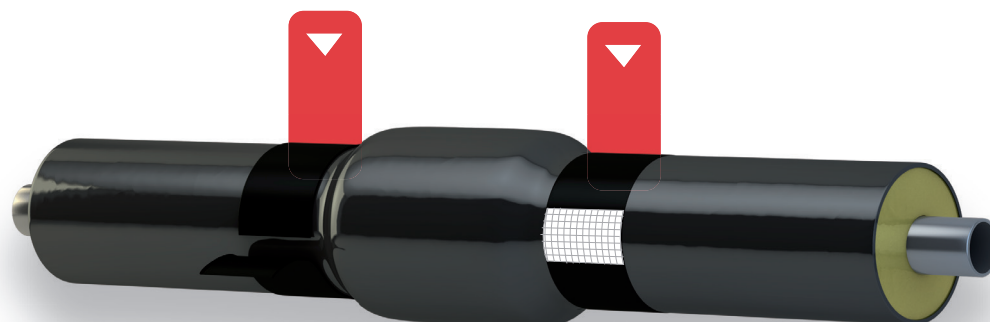
REFERENCE STANDARDS

EN 12068

External organic coatings for the corrosion protection of buried or immersed steel pipelines used in conjunction with cathodic protection - Tapes and shrinkable materials



WRAP AROUND TAPE



MAIN PROPERTIES

• Head material	PEX
• Adhesive	Hot-melt butyl based
• Standard width	150 - 225 - 450 - 600 mm
• Thickness	2.0 mm
• Roll length	30 m
• Sealing method	with closure patch

APPLICATIONS

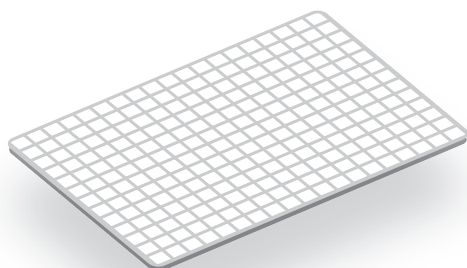


Oil & Gas



Heating Systems

CLOSURE PATCHES



MAIN PROPERTIES

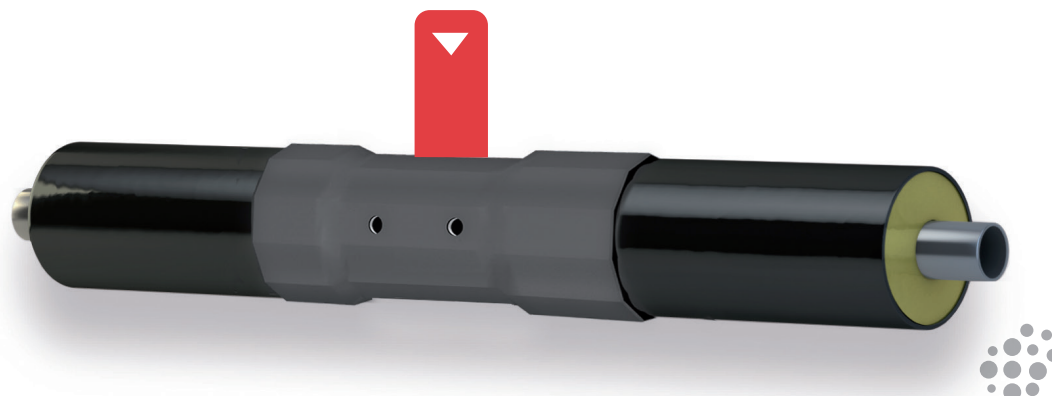
• Structure	PEX - PMA net - EVA
• Dimensions	150 x 100 x 1 mm
	225 x 100 x 1 mm
	Others upon request

REFERENCE STANDARDS

EN 12068

External organic coatings for the corrosion protection of buried or immersed steel pipelines used in conjunction with cathodic protection - Tapes and shrinkable materials

CROSS-LINKED MUFFS



MAIN PROPERTIES

• Raw material	PEX
• Adhesive	Pre-applied hot-melt
• Std packing	LDPE white foil and closure kit
• Sand Box Test	1.000 cycles according EN 489

APPLICATIONS



DIMENSIONS (mm)

OD PIPE	ID	L	OD PIPE	ID	L
90	105	650	280	300	650
110	128	650	315	340	650
125	142	650	355	375	650
140	156	650	400	430	750
160	180	650	450	480	750
180	200	650	500	540	750
200	220	650	560	580	750
225	250	650	630	670	750
250	278	650	Other dimensions upon request		

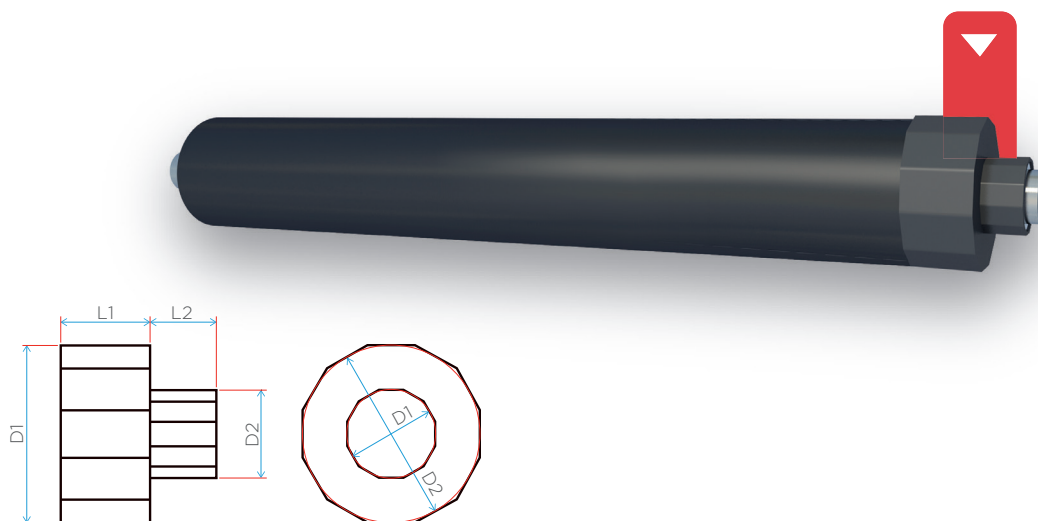
REFERENCE STANDARDS

EN 489

District heating pipes - Preinsulated bonded pipe systems for directly buried hot water networks - Joint assembly for steel service pipes, polyurethane thermal insulation and outer casing of polyethylene



WATER STOP



MAIN PROPERTIES

- Raw material
- Adhesive

PEX

Pre-applied hot-melt

APPLICATIONS



Heating Systems

DIMENSIONS (mm)

D	OD _{HDPE}	DN STEEL	D1	D2	L1	L2
90	90	25	105	45	60	40
110	110	32 - 40	125	65	60	40
125	125	50	140	76	60	40
140	140	65	156	95	60	40
160	160	80	178	105	80	50
200	180 - 200	80 - 100	220	128	80	50
225	225	125	245	155	80	50
250	250	150	270	185	80	50
315	280 - 315	150 - 200	335	236	80	50
400	355 - 400	200 - 250	420	290	80	50
450	450	300	475	340	80	50
500	500	350	520	375	100	70
560	560	400	580	475	100	70
630	630	450	650	530	100	70

REFERENCE STANDARDS

EN 489

District heating pipes - Preinsulated bonded pipe systems for directly buried hot water networks - Joint assembly for steel service pipes, polyurethane thermal insulation and outer casing of polyethylene



ACCESSORIES

APPLICATIONS

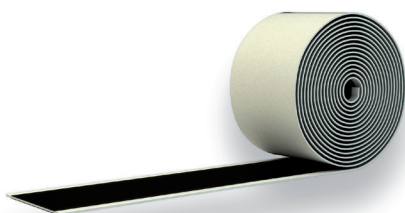


Heating Systems

MASTIC TAPE

MAIN PROPERTIES

• Raw material	Butyl rubber
• Dimensions	50 x 1 mm
• Roll length	20 m



FOPS

MAIN PROPERTIES

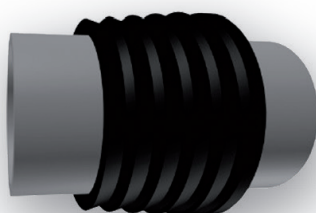
• Materijal	PEX
• Dimensions	Hot-melt butyl based
• Drilling diameter	92.5 mm



WALL GASKETS

MAIN PROPERTIES

• Raw material	EPDM
• Range	90-630 mm





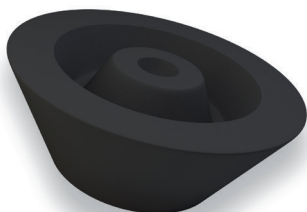
ACCESSORIES



VENTILATION PLUG

MAIN PROPERTIES

• Raw material	HDPE
• Type	with lateral hole
• Drilling diameter	24 mm

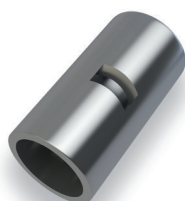


WELDING PLUG

MAIN PROPERTIES

• Raw material	HDPE
• Drilling diameter	24 mm

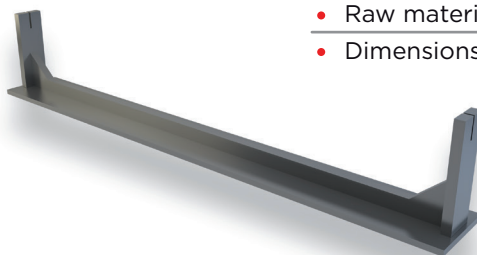
WIRE ALARM CONNECTOR



WIRE CLIP

MAIN PROPERTIES

• Raw material	HDPE
• Dimensions	H = 19 mm up to DN200/315 H = 36 mm from DN250/400

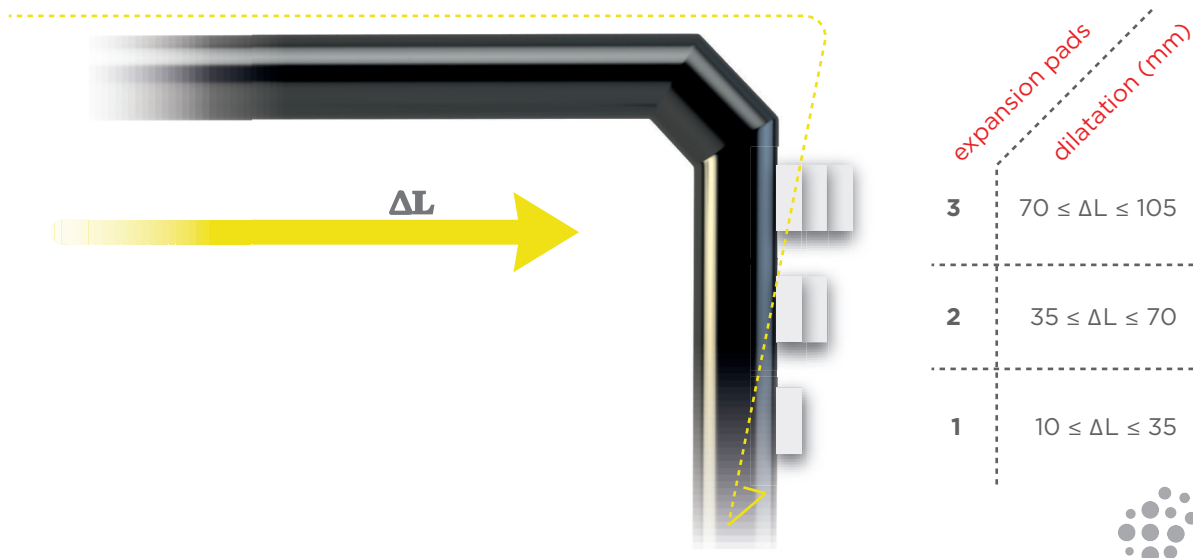


FOAMING KIT

MAIN PROPERTIES

• Components	Polyol and Isocyanate
• Density	> 60 kg/m ³

EXPANSION PADS



MAIN PROPERTIES

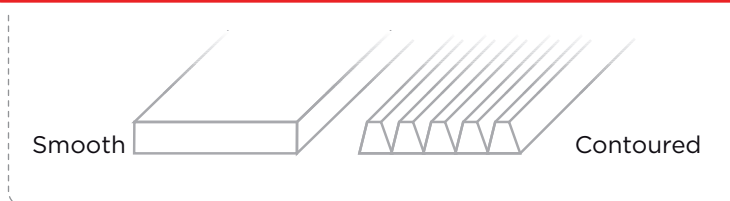
• Raw material	Expanded polyethylene
• Density	$27 \pm 4 \text{ kg/m}^3$
• Thickness	40 mm
• Standard dimensions	1000 x 2000 mm
	Others upon request

APPLICATIONS



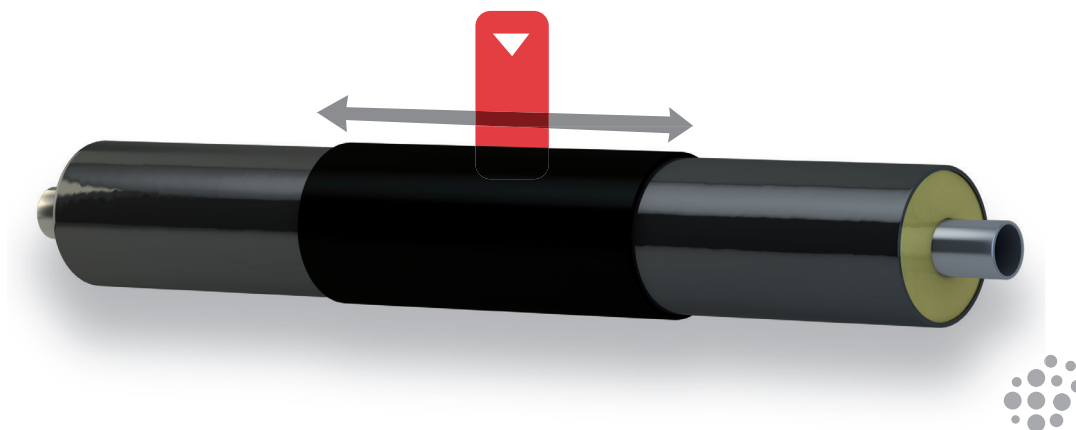
Heating Systems

SURFACE





SLIDING MUFFS



MAIN PROPERTIES

- Raw material **HDPE**
- Standard length **500 - 600 - 700 mm**

APPLICATIONS



Heating Systems

DIMENSIONS (mm)

OD PIPE	OD	e	OD PIPE	OD	e
90	102	3.0	200	215	3.2
110	120	3.0	225	245	3.5
125	135	3.0	250	266	3.9
140	155	3.0	280	305	4.4
160	172	3.0	315	339	4.9
180	196	3.2	Other dimensions upon request		

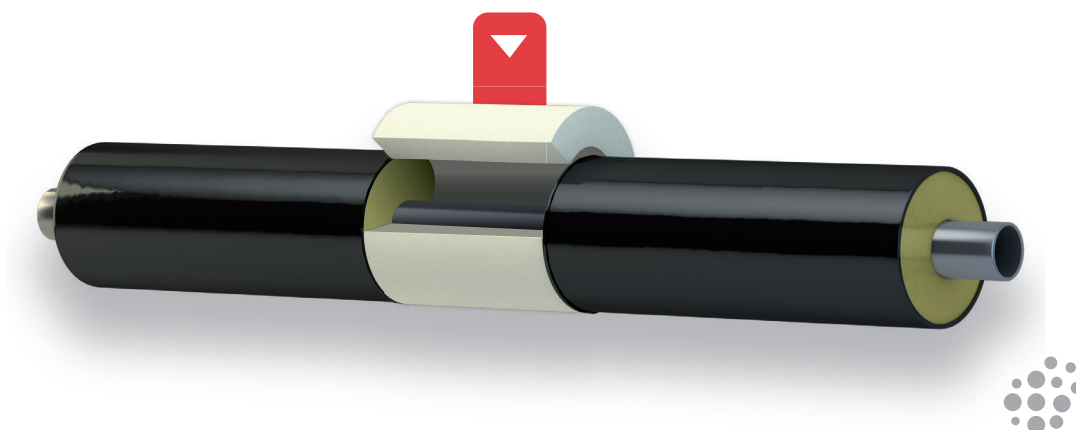
REFERENCE STANDARDS

EN 489

District heating pipes - Preinsulated bonded pipe systems for directly buried hot water networks - Joint assembly for steel service pipes, polyurethane thermal insulation and outer casing of polyethylene



PUR HALF SHELLS



MAIN PROPERTIES

• Raw material	PUR foam
• Density	35 kg/m³
• Length	from 330 to 500 mm

APPLICATIONS



Heating Systems

DIMENSIONS (mm)

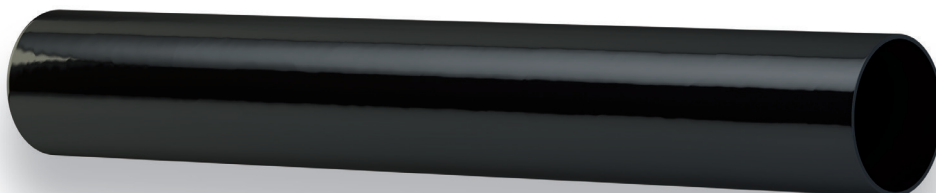
DN/OD	ID	e	DN/OD	ID	e
25 / 90	34	28	80 / 160	89	36
32 / 110	42	34	100 / 200	114	43
40 / 110	48	31	125 / 225	140	43
50 / 125	60	33	150 / 250	168	41
65 / 140	76	32	200 / 315	219	48

REFERENCE STANDARDS

EN 253

District heating pipes - Preinsulated bonded pipe systems for directly buried hot water networks - Pipe assembly of steel service pipe, polyurethane thermal insulation and outer casing of polyethylene

CASING PIPES



MAIN PROPERTIES

• Raw material	HDPE
• Corona treatment	> 42 N/m
• Standard lenght	11.80 m

APPLICATIONS



Heating Systems

DIMENSIONS (mm)

OD	e		OD	e
90	3.0		355	4.5
110	3.0		400	4.8
125	3.0		450	5.2
140	3.0		500	5.6
160	3.0		560	6.0
180	3.0		630	6.6
200	3.2		710	7.9
225	3.4		800	9.7
250	3.6		900	14.0
280	3.9		1000	15.6
315	4.1		Other dimensions upon request	

REFERENCE STANDARDS

EN 253

District heating pipes - Preinsulated bonded pipe systems for directly buried hot water networks - Pipe assembly of steel service pipe, polyurethane thermal insulation and outer casing of polyethylene

