

THE ADVANTAGE FOR EVERY PLUMBER

**SAFE,
EFFICIENT
AND
FLEXIBLE**

**THE SMART
SOLUTION FOR
HEAT-
TRANSPORTING
CORRUGATED
STAINLESS
STEEL PIPES**

Protection cap
(gastight)

No special tools
required

Additional lengths:
25-30 cm

**UV-
RESISTANT**
SUITABLE FOR
LONG-TERM
OUTDOOR USE

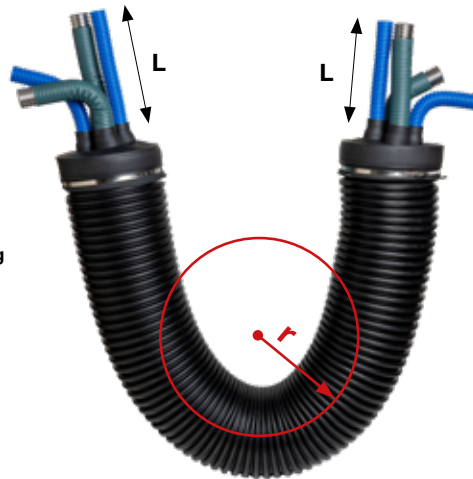
$r = 25 \text{ cm}^*$

TERRA+ ADVANTAGE:

The additional lengths for corrugated and electrical conduits enable easy and uncomplicated installation.

MAXIMUM FLEXIBILITY THANKS TO EXTENDED CONNECTION PIPES

Thanks to the additional lengths (L) for corrugated and electrical conduits of 25 cm (DN 25 & DN 32) to 30 cm (DN 40 & DN 50) on both sides, connections which are angled and difficult to access can be reached easily and without complication. Simply bend the last few centimetres by hand and benefit from the maximum flexibility of the corrugated stainless steel pipes.



TERRA+ makes the following work steps obsolete:

Time-consuming preparation of the connections: Removing the jacket + insulation with a saw, preparing the edge of the PE pipe with a knife and heating the pipe with a hot air gun.

BENDING RADII

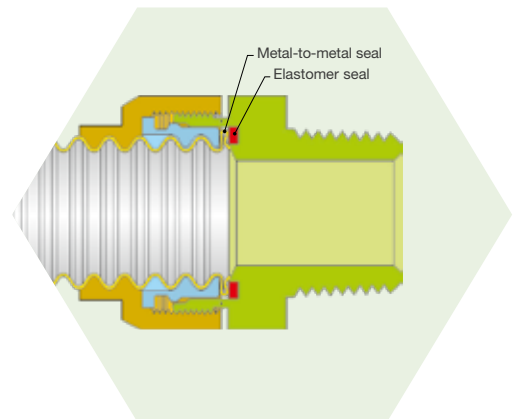
Outer diameter jacket	Recommended bending radius (r)	Minimum bending radius (r)
160mm	30cm	20cm
200mm	40cm	25cm
250mm	80cm	70cm

MAXIMUM TIGHTNESS THROUGH TRIED-AND-TESTED DOUBLE SEALING TECHNOLOGY

Our tried-and-tested fittings from the BOAGAS product range ensure the same sealing tightness that you have come to expect also when they are used with the TERRA+ system. The easy attachment and screwing of the connections saves valuable time and enables you to complete more projects in less time.

The patented double sealing technology and correctly-completed screw connection makes dripping connecting points a thing of the past.

No other special tools are required.

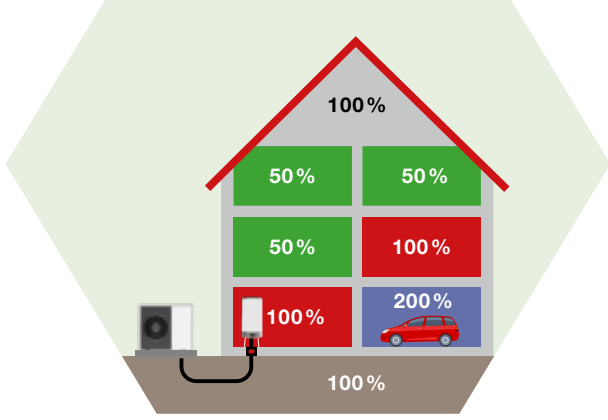


MAXIMUM ENERGY SAVINGS FOR EVERY APPLICATION

The TERRA+ product range fulfils all the requirements of the **German Buildings Energy Act (GEG)** and the **Austrian ÖNORM H 5155** standard for heat distribution pipes.

DON'T CUT BACK WHERE IT REALLY MATTERS.

VARIANT	OD jacket	Bending radius	Heat loss (W/m)		
			5 K	7 K	10 K
TERRA+ variant 1 (DN32)	200 mm	0,40 m	0,72	1,01	1,45
Competitor product – PE pipe (DN32)	160mm	0,50 m	1,96	2,74	3,91



AVAILABLE LENGTHS:

STANDARD LENGTHS:

2 – 16 m in 1 m Steps

LENGTHS from 17m

1m steps up to maximum lengths (table on the right)

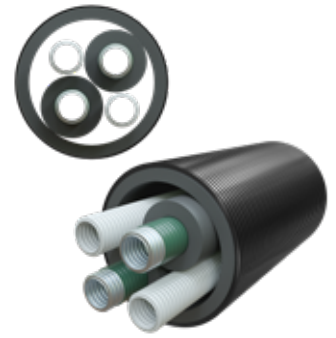
Available from 2m

Max. lengths (insulated)

DN25	100 m
DN32	74 m
DN40	59 m
DN50	45 m

PLEASE NOTE:

The images show the inside.



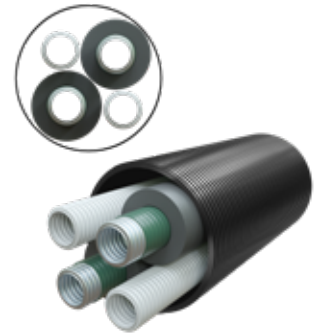
TERRA+ VARIANTS

VARIANT 1 | 100 % INSULATION

Corrugated pipe dimensions (Inner diameter)	DN 25	DN 32	DN 40	DN 50
Insulation thickness of individual corrugated pipes	12 mm	16 mm	16 mm	19 mm
Insulation thickness of HDPE jacket	16 mm	16 mm	16 mm	16 mm
Empty pipework	2 x DN 32	2 x DN 32	2 x DN 32	2 x DN 32
Outer jacket diameter	160 mm	200 mm	200 mm	250 mm

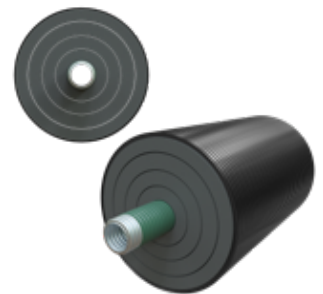
VARIANT 2 | 50 % INSULATION

Corrugated pipe dimensions (Inner diameter)	DN 25	DN 32	DN 40	DN 50
Insulation thickness of individual corrugated pipes	18 mm	18 mm	16,5 mm	21 mm
Insulation thickness of HDPE jacket	–	–	–	–
Empty pipework	2 x DN 32	2 x DN 32	2 x DN 32	2 x DN 32
Outer jacket diameter	160 mm	160 mm	160 mm	200 mm



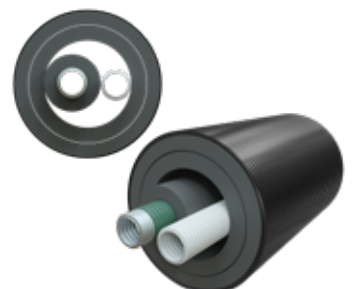
VARIANT 3 | 200 % INSULATION

Corrugated pipe dimensions (Inner diameter)	DN 25	DN 32	DN 40	DN 50
Insulation thickness of individual corrugated pipes	56 mm	52 mm	70 mm	80 mm
Empty pipework	–	–	–	–
Outer jacket diameter	160 mm	160 mm	200 mm	250 mm



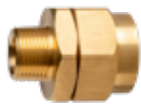
VARIANT 4 | 200 % INSULATION

Dimensionen Wellrohre (Inner diameter)	DN 25	DN 32	DN 40	DN 50
Insulation thickness of individual corrugated pipes	56 mm	52 mm	40 mm	80 mm
Empty pipework	DN 32	DN 32	DN 32	DN 32
Outer jacket diameter	160 mm	160 mm	200 mm	250 mm





ACCESSORIES



Dimensions	AG fitting	IG fitting	Female fitting with flat gasket (ISO 228)	Compression fittings (on request)
DN 25	R 1"	Rp 1"	G 1"	28 mm
DN 32	R 1" & 1 ¼"	Rp 1" & 1 ¼"	G 1 ¼"	28 mm & 35 mm
DN 40	R 1 ¼" & 1 ½"	–	G 1 ½"	–
DN 50	R 1 ¼" & 2"	–	–	–



Dimensions	PE protective caps	Rupper protection cap (gastight)	Wall sealing ring	Couplings
DN 25	All variants	V1 & V2	All variants	DN25 x DN25
DN 32	All variants	V1 & V2	All variants	DN32 x DN32
DN 40	All variants	V1 & V2	All variants	DN40 x DN40
DN 50	All variants	V1	All variants	DN50 x DN50