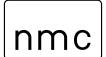


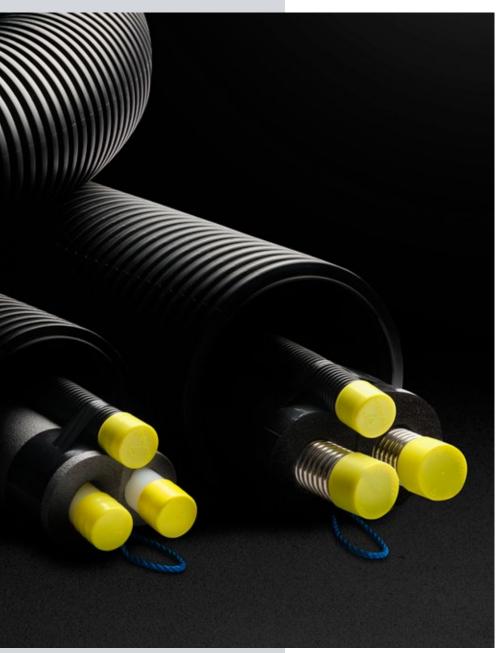
# TECHNICAL INSULATION

bу



# CONTENTS

AEROLINE® inox terra	7
Accessories AEROLINE® inox terra	10
AEROLINE® pex terra	12
Accessories AEROLINE® pex terra	15
AEROLINE® pex pro gs	18
AEROLINE® inox pro gs	20
AEROLINE® inox connect 200	22
Pressure losses	24
AEROLINE® inox rapid	25
AEROLINE® inox rapid classic	26
AEROLINE® inox rapid pro gs	28
AEROLINE® inox rapid basic	31
Notes	33



#### GENERAL INFORMATION

- Prices valid from 1 January 2024.
- All previous price lists are hereby superseded.
- Subject to errors and misprints.
   Recommended price plus statutory
   VAT.
- All deliveries are subject to our general terms and conditions of delivery, service and payment.
- Delivery only in complete packaging units.
- Upon receipt, check that the goods are complete.
- Any discrepancies must be noted on the delivery note and signed by the driver.
- The costs of returning the goods will be charged to you.
- Returns of goods must be notified.



# AEROLINE® inox terra

AEROLINE® inox terra offers a complete system for heat pump pipework that is well thought-out and easy and quick to install with smart detailed solutions. Integrated empty conduits and pull cords for cable routing.

#### HIGHLIGHTS AT A GLANCE:



### inox terra

# THE SOLUTION FOR PERFECT PIPING OF AIR/WATER AND BRINE/WATER HEAT PUMPS IN THE GROUND

### TECHNICAL SPECIFICATIONS

#### **JACKET PIPE**

MATERIAL Double-walled cable protection pipe with smooth inner wall made of PE-HD

RING STIFFNESS Ring stiffness according to DIN 16961, SN24 ≥ 16.0 kN/m²

OUTER DIAMETER 200 mm

MINIMUM BENDING RADIUS 50 cm

#### STAINLESS STEEL CORRUGATED PIPE

MATERIAL Material No. 1.4404 (AISI 316L)

MAXIMUM PERMISSIBLE OPERATING DN 32: 6,5 bar PRESSURE AT 95 °C DN 40: 5,8 bar

#### **ELECTRICAL INSTALLATION PIPE 32**

INNER DIAMETER 25 mm (DIN EN 50086): for control, sensor or electrical load cables

#### INSULATION MADE OF EPDM

MATERIAL Light, flexible, closed-cell, synthetic rubber. No embrittlement of

copper and stainless steel pipes (DIN 1988 Part 200)
Dimensions and tolerances according to DIN EN 14304

DN 32: DL 25 mm / RL 19 mm DN 40: DL 19 mm / RL 19 mm

THERMAL CONDUCTIVITY 0,036 W/mK at 0 °C

0,038 W/mK at 40  $^{\circ}$ C

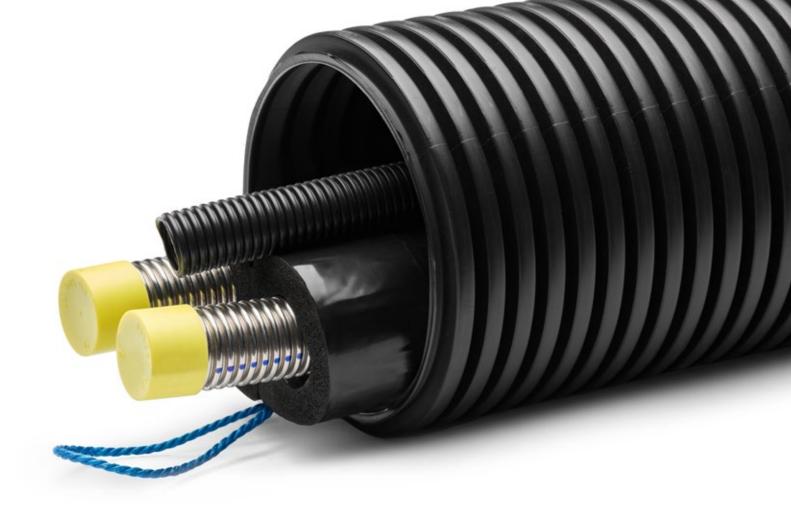
FIRE BEHAVIOUR Euro class E (DIN EN 13501-1)

#### **INCLUDED ACCESSORIES**

BENDING AID Strap to facilitate a fixed bend

ROUTE WARNING TAPE

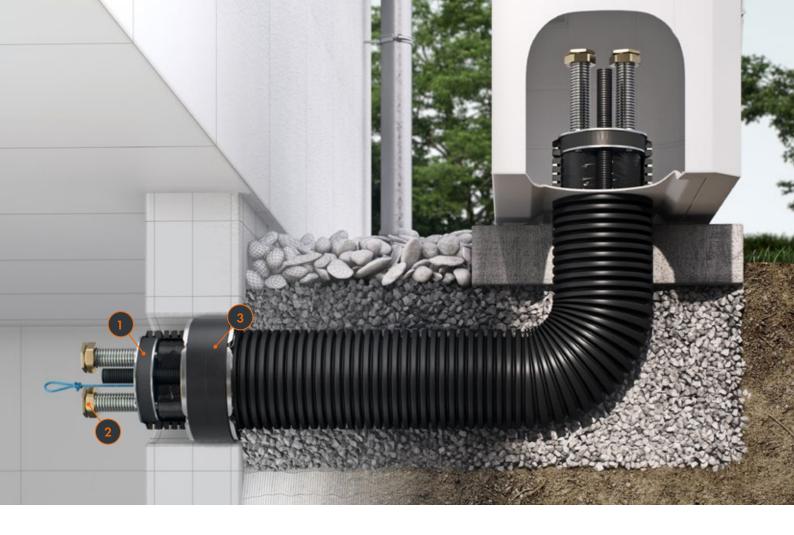
One red and one yellow route warning tape



inox terra

Reference	SAP	m∕ <b></b>	RBG	€/m
DN 32				
DN 32, Length 5 m	3032659	5	AR4	176,69
DN 32, Length 7,5 m	3032660	7,5	AR4	174,50
DN 32, Length 10 m	3032661	10	AR4	173,78
DN 32, Length 12 m	3032662	12	AR4	172,32
DN 32, Length 14 m	3032663	14	AR4	171,59
DN 32, Length 17,5 m	3032664	17,5	AR4	170,87
DN 32, Length 20 m	3032665	20	AR4	170,14
DN 32, Length 25 m	3032666	25	AR4	169,41
DN 40				
DN 40, Length 5 m	3032693	5	AR4	210,16
DN 40, Length 7,5 m	3032694	7,5	AR4	206,53
DN 40, Length 10 m	3032695	10	AR4	205,80
DN 40, Length 12 m	3032696	12	AR4	205,07
DN 40, Length 14 m	3032697	14	AR4	204,34
DN 40, Length 17,5 m	3032698	17,5	AR4	203,61

Delivery: 2-7 working days ex-works (applies to all references)



### ACCESSORIES - AEROLINE® inox terra



#### Jacket pipe sealing set

### Description

For air- and watertight sealing of the jacket pipe and the fixed support of the stainless steel corrugated pipes.

Contents: 1 jacket pipe sealing set made of stainless steel and EPDM rubber with 5 interchangeable inserts for manufacturer-specific control cables and sensor cables; 1 support ring

Reference	SAP	Pcs.∕₹	RBG	€/Set
DN 32	3032658	1	AS5	464,27
DN 40	3032692	1	AS5	470,10



#### **Connection set**

Description	Description					
	nection to the hed 1 double nipple 4 union nuts	iting pump and heat 4 seals 1 body washer	ing system. 4 clamping wo	ashers		
Referenc	e SAP	Pcs.∕♥	RBG	€/Set		

### ACCESSORIES - AEROLINE® inox terra

Description



#### Masonry sealing set

For air- and watertight sealing of the jacket pipe against the masonry. For insertion into suitable pipe liners or core drill holes. Watertight up to 1/5 bar against pressurised water.

**Contents:** Sealing insert made of stainless steel and EPDM rubber; 5 stainless steel clip rings for 200 mm jacket pipe (250 mm core drill hole).

Reference	SAP	Pcs.∕♥	RBG	€/Set
DN 32/40	3032583	1	AS5	493,40

#### Double nipple



ı									
ī									
	1½" x	1½"	for	DN	32 /	2" x 2"	for	DN	40

Reference	SAP	Pcs.∕♥	RBG	€/Pcs.
1½" x 1½"	3032929	1	AS1	21,72
2"×2"	3032930	1	AS1	43,62

#### Reducing nipple



Descrip	tion
Male th	raad

Description

Description

Reference	SAP	Pcs.∕♥	RBG	€/Pcs.
1½" x 1¼"	3032969	1	AS1	31,37
2" x 11/2"	3032970	1	AS1	36.63

### Reducing piece



Male thread /	' female threac

Reference	SAP	Pcs.∕♥	RBG	€/Pcs.
1½" x 1¼	3032973	1	AS1	29,62
2" x 1½"	3032974	1	AS1	27,87

### pex terra

AEROLINE® pex terra offers an absolutely well thought-out, simple and quick to install complete system for heat pump pipework with clever detailed solutions.

#### HIGHLIGHTS AT A GLANCE:





# THE SOLUTION FOR PERFECT PIPING OF AIR/WATER AND BRINE/WATER HEAT PUMPS IN THE GROUND

#### TECHNICAL SPECIFICATIONS

#### **JACKET PIPE**

MATERIAL Double-walled cable protection pipe with smooth inner wall made of PE-HD

RING STIFFNESS Ring stiffness according to DIN 16961, SN24 ≥ 16.0 kN/m²

OUTER DIAMETER 160 mm
MINIMUM BENDING RADIUS 42,5 cm

#### **CARRIER PIPE**

MATERIAL PF-Xa

DEGREE OF CROSS-LINKING≥ 70 % (EN ISO 15875)OXYGEN DENSITYaccording to DIN 4726

TEMPERATURE RANGE up to 90 °C MAXIMUM PERMISSIBLE 6 bar

OPERATING PRESSURE AT 95 °C

COEFFICIENT OF LINEAR EXPANSION at 20 °C: 1,4 \* 10-4 1/k

at 100 °C: 2,05 \* 10-4 1/k

#### **ELECTRICAL INSTALLATION PIPE 32**

INNER DIAMETER 25 mm (DIN EN 50086)

for control, sensor or electrical load cables

#### INSULATION MADE OF POLYETHYLENE

MATERIAL Flexible insulation made of foamed, closed-cell polyethylene with a

minimum of 30% recycled materials

Dimensions and tolerances in accordance with DIN EN 14303

PEX 25 / PEX 32: 20 mm

PEX 40: 13 mm

THERMAL CONDUCTIVITY 0,036 W/mK at 0 °C

0,040 W/mK at 40 °C

FIRE BEHAVIOUR C<sub>1</sub>-s1,d0 (DIN EN 13501-1)



## AEROLINE® pexterra

Reference	SAP	m/¥	RBG	€/m
PEX 25 x 2,3				
PEX 25, Length 3 m	3052800	3	AR4	113,61
PEX 25, Length 5 m	3052801	5	AR4	88,46
PEX 25, Length 7,5 m	3052802	7,5	AR4	85,43
PEX 25, Length 10 m	3052803	10	AR4	83,07
PEX 25, Length 12 m	3052804	12	AR4	82,64
PEX 25, Length 14 m	3052805	14	AR4	81,70
PEX 25, Length 17,5 m	3052806	1 <i>7</i> ,5	AR4	81,19
PEX 25, Length 20 m	3052807	20	AR4	79,90
PEX 25, Length 25 m	3052808	25	AR4	78,98
PEX 32 x 2,9				
PEX 32, Length 3 m	3052809	3	AR4	11 <i>7</i> ,03
PEX 32, Length 5 m	3052810	5	AR4	91,77
PEX 32, Length 7,5 m	3052811	7,5	AR4	88,70
PEX 32, Length 10 m	3052812	10	AR4	86,39
PEX 32, Length 12 m	3052813	12	AR4	85,86
PEX 32, Length 14 m	3052814	14	AR4	84,98
PEX 32, Length 17,5 m	3052815	1 <i>7</i> ,5	AR4	84,42
PEX 32, Length 20 m	3052816	20	AR4	83,85
PEX 32, Length 25 m	3052817	25	AR4	82,20
PEX 40 x 3,7				
PEX 40, Length 3 m	3052818	3	AR4	122,41
PEX 40, Length 5 m	3052819	5	AR4	96,97
PEX 40, Length 7,5 m	3052820	7,5	AR4	93,94
PEX 40, Length 10 m	3052821	10	AR4	91,49
PEX 40, Length 12 m	3052822	12	AR4	91,01
PEX 40, Length 14 m	3052823	14	AR4	90,60
PEX 40, Length 17,5 m	3052824	17,5	AR4	89,61
PEX 40, Length 20 m	3052825	20	AR4	88,97
PEX 40, Length 25 m	3052826	25	AR4	87,30

## ACCESSORIES - AEROLINE® pex terra





#### Rubber end cap

			P	
Description				
For the clean clo	sure of the jacke	t pipe		
Reference	SAP	Pcs.∕♥	RBG	€/Pcs.
PEX 25 x 2,3 / PEX 32 x 2,9 / PEX 40 x 3,7	3053269	1	AS5	42,64





### Male thread fitting

Description				
PEX 25 x 1"	PEX 32 x	1"	PEX 40 x 1 1/4"	
Reference	SAP	Pcs.∕≇	RBG	€/Pcs.
PEX 25 x 2,3	3053320	1	AS1	43,58
PEX 32 x 2,9	3046537	1	AS1	37,23
PEX 40 x 3,7	3053321	1	AS1	39,25

## ACCESSORIES — AEROLINE® pex terra





#### Masonry sealing set

#### Description

For the airtight and watertight sealing of the jacket pipe against the masonry. For insertion into suitable pipe liners or core drill holes. Watertight up to 1/5 bar against

Contents: Sealing insert made of stainless steel and EPDM rubber; 5 stainless steel clip rings for 160 mm jacket pipe (200 mm core drill hole).

Reference	SAP	Pcs.∕♥	RBG	€/Set
PEX 25 x 2,3 / PEX 32 x 2,9 / PEX 40 x 3,7	3032582	1	AS5	464,27





#### Fixed point clamp

#### Description

PE-Xa carrier pipes are subject to thermal changes in length. Fixed points must be set to avoid possible effects of thermal shrinkage/expansion on the downstream installation. The practical double clamp allows the flow and return to be fixed with one clamp.

Reference	SAP	Pcs.∕♥	RBG	€/Pcs.
PEX 25 x 2,3	3053322	1	AS5	131,25
PEX 32 x 2,9	3046320	1	AS5	131,84
PEX 40 x 3,7	3053323	1	AS5	132,48

#### Transition piece



Description					
For male and female threads					
Reference	SAP	Pcs.∕♥	RBG	€/Pcs.	
1"FT x 11/4"MT	3032967	1	AS1	16,55	
11/4"FT x 11/2"MT	3032973	1	AS1	29,62	

## ACCESSORIES — AEROLINE® pex terra

Description

#### Bending aid

Description					
Strap for creating a fixed bend					
Reference	SAP	Pcs.∕♥	RBG	€/Pcs.	
PEX 25 x 2,3 / PEX 32 x 2,9 / PEX 40 x 3,7	3036424	1	AS5	13,91	



#### Well foam

Description					
Well foam for foaming out the jacket pipe					
Reference	SAP	Pcs.∕≆	RBG	€/Pcs.	
750 ml	3036428	1	AS5	29,44	



### Route warning tape

Red and yellow route-warning tape in 3 different lenghts						
Reference	SAP	Pcs.∕♥	RBG	€/Set		
11 m	3036406	1	AS5	10,83		
20 m	3036407	1	AS5	15,26		
25 m	3036408	1	AS5	1 <i>7</i> ,61		

pexprogs

## FOR AIR/WATER HEAT PUMPS INSTALLED OUTDOORS, FOR UNDERGROUND DUCTING AT THE BUILDING

#### TECHNICAL SPECIFICATIONS

#### SHEATHING

MATERIAL Polyester braid

#### **CARRIER PIPES**

MATERIAL Cross-linked PE-Xa

DEGREE OF CROSS-LINKING ≥ 70 % (EN ISO 15875)

OXYGEN DENSITY according to DIN 4726

MAXIMUM PERMISSIBLE 6 bar

OPERATING PRESSURE AT 95 °C

#### **ELECTRICAL INSTALLATION PIPE**

32 inner  $\varnothing$  25 mm 20 inner  $\varnothing$  14 mm

#### INSULATION MADE OF POLYETHYLENE

MATERIAL Flexible insulation made of foamed, closed-cell polyethylene with a

minimum of 30% recycled materials

Dimensions and tolerances in accordance with DIN EN 14303

PEX 25 / PEX 32: 20 mm

PEX 40: 13 mm

THERMAL CONDUCTIVITY 0,036 W/mK at 0 °C

0,040 W/mK at 40  $^{\circ}$ C

FIRE BEHAVIOUR C<sub>1</sub>-s1,d0 (DIN EN 13501-1)



pex progs

Reference	SAP	m/🕏	RBG	€/m
PEX 25 x 2,3				
PEX 25, Length 3 m	3053037	3	AR4	86,29
PEX 25, Length 5 m	3053038	5	AR4	78,93
PEX 25, Length 7,5 m	3053039	7,5	AR4	75,57
PEX 25, Length 10 m	3053040	10	AR4	72,34
PEX 25, Length 12 m	3053041	12	AR4	69,12
PEX 25, Length 14 m	3053042	14	AR4	65,99
PEX 25, Length 17,5 m	3053043	17,5	AR4	62,82
PEX 25, Length 20 m	3053045	20	AR4	62,19
PEX 25, Length 25 m	3053046	25	AR4	61,85
PEX 32 x 2,9				
PEX 32, Length 3 m	3053047	3	AR4	89,56
PEX 32, Length 5 m	3053048	5	AR4	82,15
PEX 32, Length 7,5 m	3053049	7,5	AR4	78,74
PEX 32, Length 10 m	3053050	10	AR4	75,47
PEX 32, Length 12 m	3053051	12	AR4	72,29
PEX 32, Length 14 m	3053053	14	AR4	69,12
PEX 32, Length 17,5 m	3053054	17,5	AR4	65,96
PEX 32, Length 20 m	3053055	20	AR4	65,85
PEX 32, Length 25 m	3053056	25	AR4	65,30
PEX 40 x 3,7				
PEX 40, Length 3 m	3053057	3	AR4	95,29
PEX 40, Length 5 m	3053058	5	AR4	87,69
PEX 40, Length 7,5 m	3053059	7,5	AR4	84,22
PEX 40, Length 10 m	3053060	10	AR4	80,90
PEX 40, Length 12 m	3053061	12	AR4	77,73
PEX 40, Length 14 m	3053062	14	AR4	74,51
PEX 40, Length 17,5 m	3053063	17,5	AR4	71,34
PEX 40, Length 20 m	3053064	20	AR4	71,24
PEX 40, Length 25 m	3053065	25	AR4	70,95

Delivery: 2-7 working days ex-works (applies to all references)

### inox progs

## FOR AIR/WATER HEAT PUMPS INSTALLED OUTDOORS, FOR UNDERGROUND CONDUIT AT THE BUILDING

### **TECHNICAL SPECIFICATIONS**

#### SHEATHING

MATERIAL Polyester braid

UV RESISTANCE Excellent

OZONE RESISTANCE Excellent

#### STAINLESS STEEL CORRUGATED PIPE

MATERIAL Material No. 1.4404 (AISI 316L)

MAXIMUM PERMISSIBLE DN 25: 12 bar
OPERATING PRESSURE AT 95 °C DN 32: 6,5 bar

#### **SENSOR CABLE**

inox pro gs DN 32 2 x 0,75 mm<sup>2</sup> VDE 7507

inox pro gs DN 25 3 x 0,75 mm² VDE 0295, Silicone, Class 5

#### INSULATION MADE OF EPDM

MATERIAL Light, flexible, closed-cell, synthetic rubber

No embrittlement of copper and stainless steel pipes

(DIN 1988 Part 200)

Dimensions and tolerances according to DIN EN 14304

THERMAL CONDUCTIVITY 0,036 W/mK at 0 °C

0,038 W/mK at 40 °C

FIRE BEHAVIOUR Euro class E (DIN EN 13501-1)



inox progs

Reference	SAP	m/ <b></b> ≇	RBG	€/m
DN 25				
25 x 25/10 m	3032769	10	AR2	95,18
25 x 25/15 m	3032770	15	AR2	94,46
25 x 25/20 m	3032771	20	AR2	93,73
25 x 25/25 m	3032772	25	AR2	93,00
25 x 25/50 m	3032773	50	AR2	92,27
DN 32				
32 x 25/10 m	3032774	10	AR2	157,04
32 x 25/15 m	3032776	15	AR2	155,58
32 x 25/20 m	3032777	20	AR2	154,86
32 x 25/25 m	3032778	25	AR2	154,13

Delivery: 2-7 working days ex-works (applies to all references)

### inox connect 200

# CONNECTION KITS FOR HEAT PUMPS INSTALLED NEAR THE WALL, FOR HEAT DISTRIBUTION LINES ADJACENT TO OUTDOOR AIR

### TECHNICAL SPECIFICATIONS

#### SHEATHING

MATERIAL Additional EPDM insulation with surface protection

UV RESISTANCE Excellent
OZONE RESISTANCE Excellent

#### STAINLESS STEEL CORRUGATED PIPE

MATERIAL Material No. 1.4404 (AISI 316L)

MAXIMUM PERMISSIBLE DN 25: 12 bar
OPERATING PRESSURE AT 95 °C DN 32: 6,5 bar

#### INSULATION MADE OF EPDM

MATERIAL Light, flexible, closed-cell, synthetic Rubber

No embrittlement of copper and stainless steel pipes

(DIN 1988 Part 200)

Dimensions and tolerances according to DIN EN 14304

THERMAL CONDUCTIVITY 0,036 W/mK at 0  $^{\circ}$ C

0,038 W/mK at 40  $^{\circ}$ C

FIRE BEHAVIOUR Euro class E (DIN EN 13501-1)



Reference	SAP	m/💗	RBG	€/set
DN 25				
25 x 76/1 m	3053309	2	AR4	233,00
25 x 76/1,3 m	3053310	2,6	AR4	283,36
DN 32				
32 x 76/1 m	3053311	2	AR4	283,84
32 x 76/1,3 m	3053312	2,6	AR4	323,52

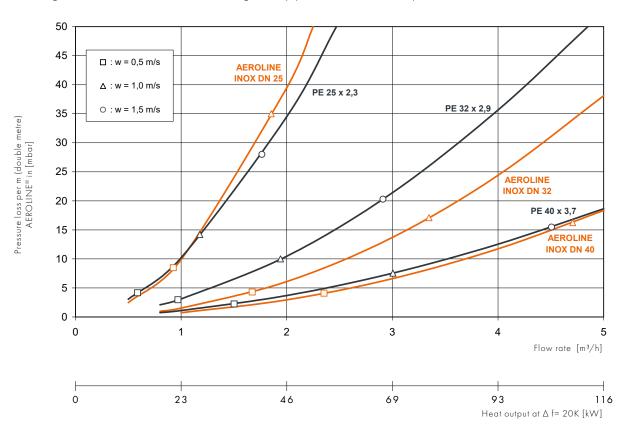


Delivery:

2-7 working days ex-works (applies to all references)

# PRESSURE LOSSES

The diagrams refer to 1 double metre of straight laid pipe, and water at a temperature of 10 °C.



#### Relative pressure loss factor<sup>1</sup> for different temperatures and mixtures

Medium temperature	5°C	10°C	15°C	20°C	25°C	30°C	35°C	40°C	45°C	50°C
Pressure loss factor for water	1,04	1	0,97	0,94	0,91	0,89	0,86	0,83	0,82	0,8
Pressure loss factor for water – Tyfocor L mixture 70/30	1,44	1,37	1,3	1,24	1,19	1,15	1,1	1,06	1,03	1

<sup>1</sup>Source: Tyforop Chemie GmbH

# A E R O L I N E®

inox rapid



## inox rapid classic

# PIPE SYSTEM FOR CONNECTING AIR/WATER HEAT PUMPS INSTALLED CLOSE TO THE WALL OUTSIDE AND FOR DISTRIBUTING BRINE OR WATER INDOORS

#### **TECHNICAL SPECIFICATIONS**

#### SHEATHING

MATERIAL Polyolefin foil

#### STAINLESS STEEL CORRUGATED PIPE

MATERIAL Material No. 1.4404 (AISI 316L)

MAXIMUM PERMISSIBLE DN 25: 12 bar
OPERATING PRESSURE AT 95 °C DN 32: 6,5 bar

DN 40: 5,8 bar

MINIMUM BENDING RADIUS 60 mm (DN 25) or 55 mm (DN 32 / DN 40)

#### INSULATION MADE OF EPDM

MATERIAL Light, flexible, closed-cell, synthetic Rubber.

No embrittlement of copper and stainless steel pipes (DIN 1988

Part 200)

Dimensions and tolerances according to DIN EN 14304

THERMAL CONDUCTIVITY 0,036 W/mK at 0  $^{\circ}$ C

0,038 W/mK at 40  $^{\circ}\text{C}$ 

FIRE BEHAVIOUR Euro class E (DIN EN 13501-1)

TEMPERATURE RANGE (EN 14707) +150 °C (short-term up to +175 °C)





# AEROLINE® inox rapid classic

Reference	SAP	m/ <del>*</del>	RBG	€/m	
DN 25					
25 x 19 / 5 m	3053313	5	AR3	41,54	
25 x 19 / 10 m	3032616	10	AR3	38,42	
25 x 19 / 25 m	3032618	25	AR3	34,78	
25 x 19 / 50 m	3032619	50	AR3	34,78	
DN 32					
32 x 19 / 5 m	3053314	5	AR3	56,26	
32 x 19 / 10 m	3032651	10	AR3	53,12	
32 x 19 / 25 m	3032654	25	AR3	49,34	
DN 40					
40 x 25 / 5 m	3053315	5	AR3	81,04	
40 x 25 / 10 m	3032688	10	AR3	78,59	
40 x 25 / 25 m	3032689	25	AR3	75,97	

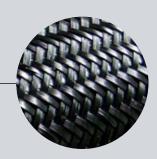
### inox rapid progs

# PIPING SYSTEM FOR CONNECTING AIR/WATER HEAT PUMPS INSTALLED CLOSE TO THE WALL OUTSIDE AND FOR DISTRIBUTING BRINE OR WATER INDOORS

#### TECHNICAL SPECIFICATIONS

#### SHEATHING

MATERIAL Polyester braid
UV RESISTANCE Excellent
OZONE RESISTANCE Excellent



#### STAINLESS STEEL CORRUGATED PIPE

MATERIAL Material No. 1.4404 (AISI 316L)

MAXIMUM PERMISSIBLE

OPERATING PRESSURE AT 95 °C

DN 32: 6,5 bar

DN 40: 5,8 bar

#### **INSULATION MADE OF EPDM**

MATERIAL Light, flexible, closed-cell, synthetic Rubber

No embrittlement of copper and stainless steel pipes (DIN 1988

Part 200

Dimensions and tolerances according to DIN EN 14304

THERMAL CONDUCTIVITY 0,036 W/mK at 0 °C

0,038 W/mK at 40 °C

FIRE BEHAVIOUR Euro class E (DIN EN 13501-1)

TEMPERATURE RANGE (EN 14707) +150 °C (short-term up to +175 °C)



## A E R O L I N E®

inox rapid pro gs

Reference	SAP	m/🕏	RBG	€/m
DN 25				
25 x 19 / 5 m	3053138	5	AR3	57,23
25 x 19 / 10 m	3032250	10	AR3	53,70
25 x 19 / 25 m	3032251	25	AR3	52,25
25 x 38 / 5 m	3053316	5	AR3	94,61
25 x 38 / 10 m	3032253	10	AR3	94,46
25 x 38 / 25 m	3032254	25	AR3	93,00
DN 32				
32 x 19 / 5 m	3053317	5	AR3	77,34
32 x 19 / 10 m	3032255	10	AR3	76,99
32 x 19 / 25 m	3032256	25	AR3	76,26
32 x 38 / 5 m	3053318	5	AR3	106,24
32 x 38 / 10 m	3032257	10	AR3	106,10
32 x 38 / 25 m	3032258	25	AR3	104,65
DN 40				
40 x 25 / 5 m	3053319	5	AR3	99,28
40 x 25 / 10 m	3032259	10	AR3	98,82
40 x 25 / 25 m	3032260	25	AR3	97,37

## ACCESSORIES - AEROLINE® inox rapid pro gs



#### Mountain clamps

Reference	Description	SAP	Pcs.∕♥	RBG	€/Set	
Ø 85 mm for DN 32-19 mm	4 mountain clamps 4 hanger bolts M8 x 80 4 dowels S10	3035469	Ī	AS2	19,33	
Ø 110 mm for DN 25-38 mm/ DN 40-25 mm	4 mountain clamps 4 hanger bolts M8 x 80 4 dowels S10	3032268	1	AS2	27,16	
Ø 126 mm for DN 32-38 mm	4 mountain clamps 4 hanger bolts M8 x 80 4 dowels S10	3052372	1	AS2	34,00	

Delivery:	2-7 working days ex-works (applies to all references)
20111019.	z / working dayo ox works (apprior to an references)

## inox rapid basic

# HIGH-GRADE STAINLESS STEEL CORRUGATED PIPE. BENDABLE WITHOUT KINKING!

### **TECHNICAL SPECIFICATIONS**

#### STAINLESS STEEL CORRUGATED PIPE

MATERIAL Material No. 1.4404 (AISI 316L)

MAXIMUM PERMISSIBLE

OPERATING PRESSURE AT 95 °C

DN 32: 6,5 bar

DN 40. 5.0 lager

DN 40: 5,8 bar

 ${\tt BURST\ PRESSURE} \hspace{1.5cm} {\tt DN\ 32/\ DN\ 40\ greater\ than\ 20\ bar}$ 

TEMPERATURE RANGE (EN 14707) -270 °C to +600 °C

CORRUGATION DN 16-25: flat

DN 32-40: large



### inox rapid basic

Reference	SAP	m/ <b></b>	RBG	€/m
DN 25				
DN 25, 15 m	3032216	15	AR3	24,01
DN 25, 25 m	3032217	25	AR3	22,12
DN 25, 50 m	3032218	50	AR3	21,54
DN 32				
DN 32, 14 m	3032219	14	AR3	35,37
DN 32, 25 m	3032221	25	AR3	34,52
DN 32, 50 m	3032222	50	AR3	33,18
DN 40				
DN 40, 14 m	3032224	14	AR3	51,38
DN 40, 25 m	3032225	25	AR3	50,21

## ACCESSORIES - AEROLINE® inox rapid basic

#### Mountain clamps



Reference	Description	SAP	Pcs.∕♥	RBG	€/Set
DN 25	4 mountain clamps 4 hanger bolts M8 x 80 4 dowels S10	3032229	1	AS2	17,15
DN 32	4 mountain clamps 4 hanger bolts M8 x 80 4 dowels S10	3032230	1	AS2	1 <i>7</i> ,64
DN 40	4 mountain clamps 4 hanger bolts M8 x 80 4 dowels S10	3032231	1	AS2	20,87

Delivery: 2-7 working days ex-works (applies to all references)

NOTES			

#### **GENERAL TERMS AND CONDITIONS** OF SALE AND TRADING

#### INTERPRETATION

- INVESTIGATION
  In these Conditions: BUYES' means the person who accepts a quotation of the Company for the sale of the Goods or whose order for the Goods is accepted by the Company. GOODS' means the goods faciliding any instalment of the goods or any parts for them) which the Company is to supply in accordance with these Conditions. COMPRIS' means mercled that darks subsidiaries. CONDITIONS' means the standard terms and conditions of sale at our document and fulness the content of the invest required production sy special forms and conditions agreed of twing between the Buyer and the Company CONTRACT means the contract for the purchase and sale of the Goods. WRITING' includes teles, cable, to calmile transmissions and comparable means of communications.

- ALE
  List land the Buyer shall purchase the Goods in accordance with any written quotation of the Company which is accepted by the Buyer, or
  If the Buyer which is accepted by the Company, subject in either case to these Conditions, which shall govern the Control to the exclusion
  and conditions subject to which any such quotation is accepted or purported to be accepted, carny such acties in saide or purported in
- is, by the Buyer.

  Audition to these Conditions shall be binding unless agreed in Willing between the authorised representatives of the Buyer and the Company, variation to these Conditions shall be binding unless agreed in Willing between the authorised representatives of the Buyer and the Company is company in Willing attention of the Company is employees or agents are not authorised to make any representations concerning the Goods unless continued by the Company in Willing attention the Company in Willing attention of the Company in Willing and the Company in Willing attention of the Company in Willing and the Company in Willing attention of the Company in Willing and the Company in Willing attention of the Company in Willing and the Company in Willing attention of the Company in William attention of the Company in William attention of the Company in Wi
- continued.

  Any advice or recommendation given by the Company or its employees or agents to the Boyer or its employees or agents on the Boyer or its employees or agents on the storage, application or us of the Goods which is not confirmed in Writing by the Company is blowed or acted upon entirely of the Boyer's own risk, and accordingly the Company is that has been been been accordingly the Company is that the blowled or any activation or constrained.

  Any hypographical, clerical or other error or anission in any sales literature, quotation, price list, acceptance of offer, invoice or other document or information is used by the Company while the select of correction without any liability on the part of the Company.

  ORDERS AND SPICIFICATIONS

- The quantity, quality and description of and any specification for the Goods shall be those set out in the Company's quotation (if accepted by the Buyer) or the Buyer's ander (if accepted by the Company).

  If the good one to be monufactuated or any process to be applied to the Goods by the Company in accordance with a specification submitted by the Buyer. If the Buyer shall indemnify the Company against all loss, domages, costs and expenses arounded against or incurred by the Company in connection with or paid or angued to be paid by the Company in settlement of any datin for infringement of any patient, copyright, design, trade make or her industrial or intellectual property inglish of any other person which testals from the Company's use of the Buyer's specification.

  The Company reserves the right to make any changes in the specification of the Goods which are required to conform with any applicable safety or other statutory or ET equirements or, where the Goods are to be supplied to the Company's specification, which do not notationly left their quality or performance.

  No order which has been accepted by the Company may be accordicated by the Buyer except with the agreement in Winting of the Company and not terms that the Buyer shall indemnify the Company in a new side of concelled to the Company in the Company in a new side of concelled to the Company in the Company in a new side in concelled to the Company in the Company in a new side of concelled to the Company in the Company in a new side of concelled to the Company in the Company in a new side of concelled to the Company in the Company in a new side of concelled to the Company in the Company in the Company in a new side of concelled to the Company in the Company in the Company in a new side of concelled to the Company in the Company in a new side of concelled to the Company in the Company in a new side of concelled to the Company in the Company in

- The Byers gases as follow: to poy desegrated in library discount predicting to the use of the Goods and/or concerning condition will be as do and without risk to beafth at all times when they are being used or mointiened by any person of work. to comply with the General Products Solely Anguigations 1994 if and on the settlent that they are opplicables to the Goods, to indeeming this Company in separated about 50 elsely anguigations 1994 if and on the settlent that they are opplicables to the Goods, to indeeming this Company in separate of any and all claims a rising from the Goods being usuale as a result of the Byers is an omatter that as they first Goods and to conjude the Company in separate to the Company on information as to the this of the Goods and to conjude the Company in the Company in the Company in the Company is the Company of the Compa

- specifications for the Loods within it requested by the Buyle, of any usury usured up with instructions on the ways to manufacture of adoquate information or instructions. Except as otherwise stated under the terms of any quotation or in any price list of the Company, and unless otherwise agreed in Whiting between the Buyer and the Company, and unless on the ways the Company on on nex works basis, and where the Company agrees to deliver the Goods to the Buyers premises or such other address as the Buyer may direct, the Buyer and the label to pay the Company's changes for temport, packages for instruction. The price of the Goods is sectioned or any applicable value added kind, which the Buyers and bill be additionally belied to pay to the Company. The cost of palles and returnable containers will be changed to the Buyer in addition to the price of the Goods, but full credit will be given to the Buyer provided they are returned undermaged to the Company beliefe the deep compared does.

  For any order for delivery to one place of one time where the net order value is less than \$150.00 a change of \$250.00 will be added to cover corriage and

- OF PAYMENT
  on y special for Writing between the Buyer and the Company, the Company shall be entitled to invoice the Buyer for the price of the nor at any time after delivery of the Goods, unless the Goods are to be collected by the Buyer or the Buyer woungfully talk to take delivery of the which even the Company will be entitled in invoice the Buyer for the price at any time after the Company has notified the Buyer that the Goods are collection or fas the case may be the Company has to entitled of the Conded are to the Company for the Company to the entitled of the Company shall be entitled to second a day of the date of the Company for those to within such other period at the Company shall be greated by the company that a greater than the company that all paying the price of the Conded Association of the Conded Association of the Conded Association of the Conded Association of the Buyer. The time of pyment of the price and but of the associate of the Conded Association for the Buyer. The time of pyment of the price and but of the disease of of the Conded Association for the Buyer. The time of pyment of the price and but of the disease of of the Conded Association for the Buyer. The time of pyment of the price and but of the disease of of the Conded Association for the Buyer. The time of pyment of the price and but of the disease of of the Conded Association for the Conded Association for the Buyer. The time of pyment of the price and but of the Conded Association for the Buyer that the time of pyment of the price of the Conded Association for the Buyer than the Buyer that the Buyer than the Buyer t
- - et falls to instear any payment needs on write a consequence and make a fall of the control of a suspend any further deliveries to the Buyer; concel the control of a suspend any further deliveries to the Buyer of the Coods (or the goods supplied under any other control between the Buyer and the Company) at the Company may think if it potentials and may purported appropriation by the Buyer), and charge the Buyer interest (bit in before and offer any judgement) in the amorate urpool of the rest of the per cent per annum above National West-mitted to Back Rc base rate from time to time from the date 30 days after the date of the relevant invoice until payment in full is made (a part of a month being teated as a full month for the purpose of calculating interest).

- DELIVERY

  Delivery of the Goods shall be made by the Company delivering the Goods to the Buyer's premises or some other place for delivery as notified in Writing by the Buyer to the Company of by the Buyer to Recompany and the Buyer to the Company shall be some the Super to the Company to by the Buyer collecting the Goods of the Company's premises.

  Any dates quited for delivery of the Goods are approximate only and the Company's premises.

  Any dates quited for delivery of the Goods are approximate to the Super to the Company's premises.

  Any dates quited for delivery of the Goods are approximate to the subject to the Super to the Company's the Writing. The Goods howsoever caused. Time for delivery what for the of the session of the super to the Super to the Company's to deliver any or er more of the subdelivered in submisses, each of elevity ablic constitute as superate contract and folive by the Company to deliver any ore or more of the subdiments in accordance with fixes Conditions or any claim by the Buyer in suspect of any one or more instalments that not entitle the Buyer to be the the Company and the Company a
- If the Dying was to see country.

  If the Dying was to see country.

  If the Company is to see the Company and the Company's tout it then, winness prequires any of the Company in the Company, the Company and the Company and

- the Boyer for which payment in the doe.

  Until ach time at the property in the Goods passes to the Boyer, the Boyer shall hold the Goods as the Company's flavourly agent and balee, and shall keep the Goods separate from the Boyer and third parties and poperly stoned, protected and insured and dentified as the Company's property. Until that time the Boyer shall be entitled to reside or well now seek the Goods in the ordinary course of its business, but shall account to the Company for the proceeds of sale or otherwise of the Goods, whether trappiles or intringable, levelsing insurance proceeds, and what like peril such proceeds separate from on money or property of the Boyer and third parties and, in the case of trappile proceeds, properly stored, protected and started.

  Until such time as the property in the Goods passes to the Boyer four provided the Goods or still in existence and have not been resold), the Company shall be entitled at any time to require the Boyer to deliver up the Goods to the Company and, if the Boyer falls to do so furthwish, to enter upon any premises of the

- Buyer or any find party where the Goods are stared and spassess the Goods. If the Goods are incorporated into other products the property in flows other products is upon such incorporation ipso facts transferred to the Company for a proper manner without charge to the Company for any indebtedess any of the Goods which remain the proper Company, the Suyer as ball on the entitled to pledge or in any way charge by way of secontly for any indebtedess any of the Goods which remain the proper Company, but if the Suyer does so all moneys owing by the Suyer to the Company whalf I willhout presides to any other right or senedy of the Co
- ompaint, but if the Buyer does so all moneys owing by the Buyers to the Company snar symmost purposes to sure yourse in the which become due or and possible.

  In the line the goods shall poss to the Buyer only when poyment in full has been received by the Seller for all goods whothover supplied (and all services andweed at any time by the Seller to the Buyer. The Buyer shall permit the sevents or operation of the Seller to enter onto the Buyer is permitted and provided in the Seller to the Buyer is permitted and provided in the Seller to the Buyer is permitted and provided in the Seller to the Buyer is permitted and provided in the Seller to the Buyer is permitted and provided in the Seller to the Buyer is permitted and provided in the Buyer is permitted and provided and provided in the Buyer is permitted and provided in the Buyer is permitted and provided in the Buyer is permitted and provided and provided in the Buyer is permitted and provided and pro

- - the conditions set out below the Company warrants that the Goods will correspond with their specification at the time of delivery, a surranty is given by the Company subject the following conditions: the Company shall be under no lability in respect of any delect in the Goods arising from any drawing, design or specification supplied by the Buy the Company shall be under no lability in respect of any delect into Goods arising from favr were and tear, willful disorger, negligence, obscribed conditions, failure to fallow the Company's instructions (whether and or in writing), misses or alteration or repair of the Goods without the Company.
  - pprocess.

    The Company shall be under no liability under the above warranty (or any other warranty, condition or guarantee) if the total price for the Goods has not been poid by the due date for payment.

- 9.2.4 the Company shall be under no liability under the above warranty (or any other warranty condition or guarantee) life total price for the Goods has no been pool by the die doel for poyment.

  9.2.4 the above warranty does not extend to parts, moteriols or equipment not manufactured by the Company, in respect of which the Buyer shall only be entitled to the benefit of any activations, moteriols or equipment of manufactures to the Company.

  Subject as expressly provided in these Conditions, and except where the Goods are sold to a pean dealing as a consumer (within the meaning of the Unitia Control Terms As I 1977) all warranties, conditions or other terms implied by shalter occurron have are excluded the full lest extent permitted by low. Where the Goods are sold to a pean of the shall be the shall extent permitted by low. Where the Goods are sold and are consumer transaction (as defined by the Consumer Transactions (Bestrictions on Statements) Order 1979) the statutory rights of the Buyer are not affected by these Conditions. Any claim by the Buyer which is based on any defect in the quality or condition of the Goods or the failure to correspond with specification shall (whether or not elevery as treative by the Buyer bend that to the Company in Wirting as follows:

  9.5.1 in suppect of damage to or loss of the Coods or any port three of in transit (where the Goods are carried by the Company's own transport or by a carrier on behalf of the Company's within 5 working days of secrept of the Goods or (in the event of total loss of the Good) receipt of the relevant invoice or delivery note;

  9.5.2 in suppect of other delectation floods which were not apparent or necessariable than a examined by the Goods and the time of other delectation floods of which there were not apparent or necessariable than a examined be time of the delevery of the Goods of the time of other delectation floods which were not apparent or necessariable than a threat control than the condition of the Company shall be swent or includity for
- Where any valid claim in supercial any of the Goods, which is based on any defect in the quality or condition of the Goods or their failure to meet specification, is rollfied to the Company in accordance with fields conditions, the Company shall be entitled to splace the Goods for the part in question free of change or, and the Company is accordance with fields conditions, the Company shall be not confident or any of the Company of the Company field and controlled and controlled and controlled and the South field and controlled and controll
- is notified to the Company in accordance with these Conditions, the Company shall be entitled to replace the Coods for the part in question [the of drouge or of the Company; shall be control to the Byer. The Company shall have no further liability to the Byer. Every in segacted of death or personal plany consists or or of the price of the Goods for a proportionate part of the price of the Byer. Every in segacted of death or personal plany condition or other term, or any day or common law, or under the expenses series of the Context, for any consequential loss or damage whether for loss of profit or otherwise, cost, expenses or other claims for consequential compensations whatever the profit or otherwise. Cost, expenses or other claims for consequential compensations whatever [whether coused by the negligence of the Company, the employees or agent or otherwise) which one and of an in connection with the spepty of the Coods on the use or resolve by the Byer, except as expressly provided in these Conditions.

  The Company shall not be folled to the Byer or the deemed to be in breach of the Contract by reason of any delay in performing, or any fallers to perform, any of the Company's obligations in relation to the Cooks, if the delay or follare was due to any came beyond the Company's reasonable control. Without projudce to the generality of the follageing, the Elovides shall be regarded as causes beyond the Company's reasonable control. Without projudce to the generality of the follageing, the Elovides shall be negated as causes beyond the Company's reasonable control. Without projudce to the generality of the follageing, the Elovides shall be negated as causes beyond the Company's reasonable control.

  9.1. Act of Cook explains, flood, theyer, brokelibrious or measures of any kind on the part of any governmental, parliamentary or local authority, a larger or export engations or embograes, and the Company or of a finite party;

  9.2. Mora Theoret Industrial actions or trade disputes five further indusing employees of

- 8.7 power failure or breaddown in machinery.

  WIDEMINITY
  any claim is made against the Buyer that the Goods infringe or that their use or resale infringes the patent, copyright, design, trademark or other industrial intellectual property rights to larny other person, then unless the claim arises from the use of any drawing, design or specification supplied by the Buyer intellectual property rights to larny other person, then unless the claim arises from the use of any drawing, design or specification supplied by the Buyer in connection with the claim, or aid or agreed to be paid by the Buyer in a fellement of the intine, provided that:

  1.1 the Company is given full control of any proceedings or regalations in connection with any such claim;

  2.1.2 the Buyer shall give the Company less reasonable withheld;

  2.1.3 except pursuant to a find orward, the Buyer shall not pay or accept any such daim, or compromise any such proceedings without the consent of the Company (which shall not be reviewable) and the state of the proceedings or insurance or insurance cover which the Buyer may have in relation to such infingement, and this indemnity shall not apply to the extent that the Buyer recovers any sums under any such policy or cover (which the Buyer shall us to be at endocronary to do.).

  1.5 the Company shall be settled to the benefit of, and the Buyer shall accordingly account to the Company for all damages and casts (if any) convaded in favour of the Buyer which are populately in any and which are projected to any duty of the Buyer and the sum and the state of the Buyer which are populately to take such steps as the Company in any any sums under any such business of constitution and who appreciation to any duty of the Buyer and constitution on the Company shall be entitled to be a december of the Buyer which are populated to equit the Buyer which such as populated to require the Buyer to take such steps as the Company may reasonably require to militage or reduce any such lots, damages, costs or expenses for which t

#### INSOLVENCY OF BUYER

- accordingly.

  chair his, without prejudice to any other right or remety available to the Company, the Company shall be entitled to cancel the Contract of chairs explicit without any labelity to the Buyer, and the Cooks have been delivered but not post for the price shall become not any labelity to the Buyer. nd payable notwithstanding any previous agreement or arrangement to the contrary

- XPORT TERMS

  These Conditions Tenderes' means the international rules for the interpretation of trade terms of the International Chamber of Commerce as in force the date when the Contract is made. Unless the content of theretives requires, only them or expression which is defined no given a particular meaning by the content of the contract of the contract is made. The date when the provisions of Incorters and Sulfavor the same remaining in these Conditions, but if there is any confict between the provisions of Incorters and these Conditions.

- The Later within the Country Stall have the scane meaning in these Conditions, but if there is any conflict between the provisions of incoterns shall have the scane meaning in these Conditions, but if there is any conflict between the provisions of incoterns were considered to the Congraphy of the Congraphy of

- GENERAL

  The Company is a member of the goup of companies whose holding company is NMC SA, registered in Belgium, and accordingly the Company may perform any of as chilogrations or exercise any of its rights hereunder by itself or through any other member of its group, provided that any act or omission of any such other members that be deemed to be the act or omission of the Company.

  Any notice required to permitted the algent by either party to the other under these conditions shall be in William and these acts of the act of the party at its registered office or principal place of business or such other address as may of the selevant time to we been notified pursuant to his provision to the party giving the notice and shall be determined received, in the case of the furl class peopled letter post three days after posting and, in the case of any other means of communication, immediately on traumission by the sender to the recipient.

  No woise to by the Company day breach of the Contract by the Buyer shall be considered as a waiver of any subsequent breach of the same or any other provision.

- provision.

  13.4 If any provision of these Conditions is held by any competent authority to be invalid or unenforceable in whole or in part the validity of the other provisions of these Conditions and the remainder of the provision in question shall not be affected.

  13.5 The Contract of the Degovermed and interpreted by Epolish own do any dispute arising under or in connection with these Conditions or the sale of the Goods shall be death with under the jurisdiction of the English Courts.



#### NMC sa

Gert - Noël - Strasse · B - 4731 Eynatten

( +32 87 85 85 00 · ♣ +32 87 85 85 11

