

Product Listing 2021

STEELOX



Drinking water



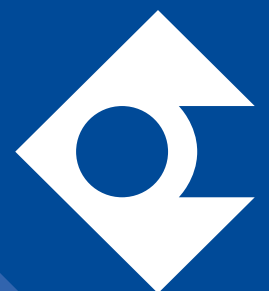
Heating



Cooling



Compressed air





STEELOX®

 
FLEXIBLE STAINLESS STEEL
MULTILAYER PIPE SYSTEM



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Product Listing
Nr. SMX 1/2021
Linz, January 2021

Recommended prices, excluding VAT, for orders of full packing units. This price list is a source of information and guidance. Please follow the guidelines in our product catalogues. **KE KELIT** reserves the right to change technical details as a result of product improvements.

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**Stainless steel multilayer pipe system
(Stainless steel/PE-RT)**
Radial press system
for hot/cold water
ÖVGW Reg. Nr. W 1.833
complies to ÖNORM B 5175

Classification of operating conditions
complies with ÖNORM B 5175:
Class 2 - 70°C/10bar,
Max. operating temperatur: 80°C –
Fault temperature 100°C (max. 100h)



Multilayer pipe system, not insulated, d16 - 25mm
Multilayer pipe system, insulated, d16 - 25mm



Metal press fittings
STEELOX metal plated pore-free brass



Accessories



Tools



Type	Designation	Art. No.	PU1	PU2	Unit	
SMX100	STEELOX multilayer composite pipe					



STEELOX pipe conforming to ÖNORM B 5175, oxygen- and steam diffusion-tight multi-layer composite pipe made of stainless steel/PE-RT
Classification of operating conditions as per ÖNORM B 5175 - Class 2:
70°C/10 bar, max. operating temperature up to 80°C - accident temperature 100°C (max. 100h)
Colour: silver with green longitudinal stripes
Rolls

16x2	57001B00	100	1300	MTR
20x2.25	57001D00	100	1300	MTR
25x2.5	57001E00	50	700	MTR

SMX110	STEELOX multilayer composite pipe					
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STEELOX pipe conforming to ÖNORM B 5175, oxygen- and steam diffusion-tight multi-layer composite pipe made of stainless steel/PE-RT
Classification of operating conditions as per ÖNORM B 5175 - Class 2:
70°C/10 bar, max. operating temperature up to 80°C - accident temperature 100°C (max. 100h)
Colour: silver with green longitudinal stripes
Rod length: 5m

16x2 / 5m	57005B00	125	4125	MTR
20x2.25 / 5m	57005D00	85	2805	MTR
25x2.5 / 5m	57005E00	50	1650	MTR

SMX134	STEELOX Plus pipe - 4mm					
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STEELOX pipe conforming to ÖNORM B 5175, oxygen- and steam diffusion-tight multi-layer composite pipe made of stainless steel/PE-RT, with factory-applied 4mm closed-cell soft foam insulation material and protective jacket made of viscoplastic PE film
Classification of operating conditions as per ÖNORM B 5175 - Class 2:
70°C/10 bar, max. operating temperature up to 80°C - accident temperature 100°C (max. 100h)
Insulation material thickness: 4 mm
Colour: blue
Rolls

16x2	57011B00	50	900	MTR
20x2.25	57011D00	50	850	MTR
25x2.5	57011E00	25	450	MTR

SMX130	STEELOX Plus pipe - 9mm					
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STEELOX pipe conforming to ÖNORM B 5175, oxygen- and steam diffusion-tight multi-layer composite pipe made of stainless steel/PE-RT, with factory-applied 9mm closed-cell soft foam insulation material and protective jacket made of viscoplastic PE film
Classification of operating conditions as per ÖNORM B 5175 - Class 2:
70°C/10 bar, max. operating temperature up to 80°C - accident temperature 100°C (max. 100h)
Insulation material thickness: 9 mm
Colour: red
Rolls

16x2	57014B00	50	700	MTR
20x2.25	57014D00	50	600	MTR
25x2.5	57014E00	25	375	MTR

SMX133	STEELOX Plus pipe - 13mm					
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STEELOX pipe conforming to ÖNORM B 5175, oxygen- and steam diffusion-tight multi-layer composite pipe made of stainless steel/PE-RT, with factory-applied 13 mm closed-cell soft foam insulation material and protective jacket made of viscoplastic PE film
Classification of operating conditions as per ÖNORM B 5175 - Class 2:
70°C/10 bar, max. operating temperature up to 80°C - accident temperature 100°C (max. 100h)
Insulation material thickness: 13 mm
Colour: orange
Rolls

16x2	57018B00	50	600	MTR
20x2.25	57018D00	50	500	MTR
25x2.5	57018E00	25	325	MTR

Type	Designation	Art. No.	PU1	PU2	Unit	
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SMX140 STEELOX Pro pipe



STEELUX pipe conforming to ÖNORM B 5175, oxygen- and steam diffusion-tight multi-layer composite pipe made of stainless steel/PE-RT, with a factory-applied sleeve consisting of a corrugated, watertight protective jacket made of PE-HD

Classification of operating conditions as per ÖNORM B 5175 - Class 2:

70°C/10 bar, max. operating temperature up to 80°C - accident temperature 100°C (max. 100h)

Colour: blue

Rolls

16x2/25	57021B00	50	-	MTR
20x2.25/28	57021D00	50	-	MTR

SMX410 STEELOX coupling



Press-fit coupling, equal or reduced, made of non-porous metallized dezincification-resistant (DZR) brass, incl. support sleeves with O-rings and stainless steel pressing sleeves, "leak before pressed"

16/16	57100BB0	10	200	PCE
20/16	57100DB0	10	160	PCE
20/20	57100DD0	10	160	PCE
25/20	57100ED0	10	120	PCE
25/25	57100EE0	10	100	PCE

SMX420 STEELOX 90° elbow



Press-fit 90° elbow for changing direction with a minimal radius, made of non-porous metallized dezincification-resistant (DZR) brass, incl. support sleeves with O-rings and stainless steel pressing sleeves, "leak before pressed"

16	57103BB0	10	200	PCE
20	57103DD0	10	150	PCE
25	57103EE0	10	80	PCE

SMX420Z STEELOX 90° zeta elbow



Zeta-optimized press-fit 90° elbow for changing direction with a minimal radius, made of non-porous metallized dezincification-resistant (DZR) brass, incl. support sleeves with O-rings and stainless steel pressing sleeves, "leak before pressed"

16	57104BB0	10	180	PCE
20	57104DD0	10	130	PCE
25	57104EE0	10	70	PCE

SMX440 STEELOX tee



Press-fit tee, equal or reduced, made of non-porous, metallized dezincification-resistant brass (DZR), incl. support sleeves with O-rings and stainless steel pressing sleeves, "leak before pressed"

16/16/16	57110BBB	10	150	PCE
20/16/16	57110DBB	10	100	PCE
20/16/20	57110DBD	10	100	PCE
20/20/20	57110DDD	10	100	PCE
25/16/20	57110EBD	4	60	PCE
25/16/25	57110EBE	4	60	PCE
25/20/20	57110EDD	4	60	PCE
25/20/25	57110EDE	4	48	PCE
25/25/25	57110EEE	4	40	PCE

SMX440Z STEELOX zeta tee



Zeta value-optimized press-fit tee, equal or reduced, made of non-porous metallized dezincification-resistant (DZR) brass, incl. support sleeves with O-rings and stainless steel pressing sleeves, "leak before pressed"

16/16/16	57111BBB	10	150	PCE
20/20/20	57111DDD	10	100	PCE
25/25/25	57111EEE	4	40	PCE

Type	Designation	Art. No.	PU1	PU2	Unit	
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SMX447 STEELOX tee with female thread branch



Press-fit tee with female thread branch, made of non-porous metallized dezincification-resistant brass (DZR), incl. support sleeves with O-rings and stainless steel pressing sleeves, "leak before pressed"

DO NOT join threaded pipe or malleable iron fittings!

16x1/2"	57240B02	10	100	PCE
20x1/2"	57240D02	10	100	PCE

SMX450 STEELOX adapter with male thread



Press-fit adapter with male thread for sealing, made of non-porous metallized dezincification-resistant (DZR) brass, incl. support sleeves with O-rings and stainless steel pressing sleeves, "leak before pressed"

16x1/2"	57202B02	10	200	PCE
20x1/2"	57202D02	10	200	PCE
20x3/4"	57202D04	10	170	PCE
25x1"	57202E05	10	100	PCE
25x3/4"	57202E04	10	100	PCE

SMX455 STEELOX union with female thread



Press-fit union with female thread for connection to fittings and devices such as filters, manifolds, pumps, made of non-porous metallized dezincification-resistant (DZR) brass, incl. support sleeves with O-rings and stainless steel pressing sleeves, "leak before pressed"

16x1/2"	57203B02	10	200	PCE
16x3/4"	57203B04	10	200	PCE
20x3/4"	57203D04	10	200	PCE
25x3/4"	57203E04	10	100	PCE

SMX457 STEELOX adapter with female thread



Press-fit adapter with female thread, made of non-porous metallized dezincification-resistant brass (DZR), incl. support sleeves with O-rings and stainless steel pressing sleeves, "leak before pressed" for d16–50mm

DO NOT join threaded pipe or malleable iron fittings!

16x1/2"	57206B02	10	200	PCE
20x1/2"	57206D02	10	200	PCE
20x3/4"	57206D04	10	180	PCE
25x3/4"	57206E04	10	100	PCE

SMX460 STEELOX 90° adapter elbow with male thread



Press-fit adapter elbow with male thread for sealing, made of non-porous metallized dezincification-resistant (DZR) brass, incl. support sleeves with O-rings and stainless steel pressing sleeves, "leak before pressed"

16x1/2"	57212B02	10	200	PCE
20x1/2"	57212D02	10	160	PCE
20x3/4"	57212D04	10	120	PCE
25x3/4"	57212E04	10	90	PCE

SMX467 STEELOX 90° adapter elbow with female thread



Press-fit adapter elbow with female thread, made of non-porous metallized dezincification-resistant brass (DZR), incl. support sleeves with O-rings and stainless steel pressing sleeves, "leak before pressed"

DO NOT join threaded pipe or malleable iron fittings!

16x1/2"	57216B02	10	180	PCE
20x1/2"	57216D02	10	160	PCE
20x3/4"	57216D04	10	100	PCE
25x3/4"	57216E04	10	100	PCE

Type	Designation	Art. No.	PU1	PU2	Unit	
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SMX477 STEELOX double U wall plate with female thread



Press-fit double-U wall bracket with female thread made from non-porous dezincification-resistant (DZR) brass; including support sleeves with O-rings and stainless steel press-fit sleeves, "not pressed, not sealed"

Overall height:

1/2" - 46mm

3/4" - 46.5mm

DO NOT screw in threaded pipes and cast iron fittings!

16x1/2"	57254B2B	10	50	PCE
20x1/2"	57254D2D	10	50	PCE
25x1/2"	57254E2E	4	32	PCE

SMX480 STEELOX 90° wall plate with female thread



Double-U wall bracket with female thread made from non-porous metallized dezincification-resistant (DZR) brass; including support sleeves with O-rings and stainless steel press-fit sleeves, "not pressed, not sealed"

Overall height:

1/2" - 46mm

3/4" - 52mm

DO NOT screw in threaded pipes and cast iron fittings!

16x1/2"	57250B02	10	100	PCE
20x1/2"	57250D02	10	100	PCE
25x3/4"	57250E04	6	60	PCE

SMX480Z STEELOX zeta 90° wall plate with female thread



Zeta value-optimized press-fit wall bracket with female thread made from non-porous metallized dezincification-resistant (DZR) brass; including support sleeves with O-rings and stainless steel press-fit sleeves, "not pressed, not sealed"

Overall height:

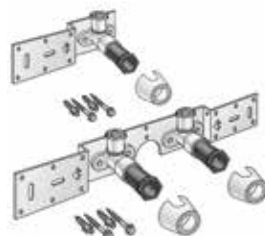
1/2" - 46mm

3/4" - 52mm

DO NOT screw in threaded pipes and cast iron fittings!

16x1/2"	57252B02	10	100	PCE
20x1/2"	57252D02	10	100	PCE

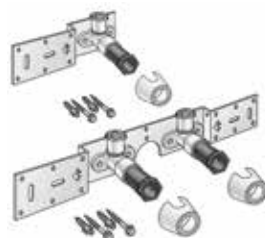
SMX485 STEELOX connection set



With SMX480 wall bracket elbow 90°, sound-insulated; stopper, metal mount, plugs and fastening elements
DO NOT screw in any threaded pipes and cast iron fittings!

16x1/2" single connection	57261B02	1	15	PCE
16x1/2" 8-10cm	57262B02	1	15	PCE
16x1/2" 15cm	57266B02	1	15	PCE
20x1/2" single conn.	57261D02	1	15	PCE
20x1/2" 8-10cm	57262D02	1	15	PCE
20x1/2" 15cm	57266D02	1	15	PCE

SMX485Z STEELOX zeta connection set



With SMX480Z zeta value-optimized press-fit wall bracket with female thread 90°, sound-insulated; stopper, metal mount, plugs and fastening elements
DO NOT screw in any threaded pipes and cast iron fittings!

16x1/2" single connection	57291B02	1	15	PCE
16x1/2" 8-10cm	57292B02	1	15	PCE
16x1/2" 15cm	57296B02	1	15	PCE
20x1/2" single conn.	57291D02	1	15	PCE
20x1/2" 8-10cm	57292D02	1	15	PCE
20x1/2" 15cm	57296D02	1	15	PCE

Type	Designation	Art. No.	PU1	PU2	Unit	
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SMX485SB STEELOX connection set with siphon elbow



With SMX480 wall bracket elbow 90°, sound-insulated; stopper, metal mount, plugs and fastening elements, incl. elbow for connecting to trap d50mm and galvanised nipple d30

DO NOT screw in any threaded pipes and cast iron fittings!

16x1/2" 8-10cm	57264B02	1	15	PCE
16x1/2" 15cm	57268B02	1	15	PCE
20x1/2" 8-10cm	57264D02	1	15	PCE
20x1/2" 15cm	57268D02	1	15	PCE

SMX485SZ STEELOX zeta connection set with elbow



With SMX480Z zeta value-optimized press-fit wall bracket with female thread 90°, sound-insulated; stopper, metal mount, plugs and fastening elements, incl. elbow for connecting to trap d50mm and galvanised nipple d30

DO NOT screw in any threaded pipes and cast iron fittings!

16x1/2" 8-10cm	57294B02	1	15	PCE
16x1/2" 15cm	57298B02	1	15	PCE
20x1/2" 8-10cm	57294D02	1	15	PCE
20x1/2" 15cm	57298D02	1	15	PCE

SMX489 STEELOX - STEELFIX adapter

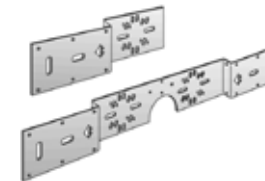


Press-fit adapter, straight, made of Steelfix/Copperfix pipe dimension to STEELOX pressing socket made of non-porous metallized red brass, incl. support sleeves with O-rings and stainless steel pressing sleeves, "leak before pressed"

CAUTION! Connection to pipe end only suitable as a compression fitting or press-fit connection.

16/15	57272BB0	10	160	PCE
20/22	57272DD0	10	100	PCE
25/22	57272DE0	10	80	PCE

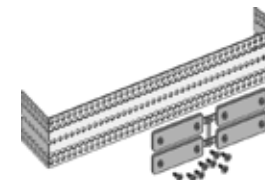
K85A KELIT connector rail



For mounting KELEN, KETRIX, KELOX and STEELOX elbow wall plates, made of galvanized sheet steel

Single connection	2629030	1	15	PCE
8-10/4.5cm	2629090	1	15	PCE
15/4.5cm	2629140	1	15	PCE
15/1.5cm	2629141	1	15	PCE

K85H KELIT hollow-wall mounting rail



For cutting to length and mounting the KELEN, KETRIX, KELOX and STEELOX connecting sets in drywall, incl. 4 anchors and 8 fastening screws

350mm	2629190	1	-	PCE
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K86L KELIT perforated plate



For mounting KELEN, KETRIX, KELOX and STEELOX elbow wall plates in all positions and at various installation distances, galvanized sheet steel

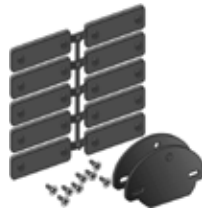
Length: 2m

2m	2678700	50	-	MTR
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Type	Designation	Art. No.	PU1	PU2	Unit	
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K86D KELIT pegs for K86L

Anchors for perforated metal rail K86L, incl. sound insulation plates and fastening screws



Anchors for K86L	2678800	10	200	PCE	
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K85K KELIT sound insulation cap

Sound decoupling for KELEN, KETRIX, KELOX and STEELOX wall brackets
DO NOT use it for fastening!
ONLY EVER use it in conjunction with separate pipe fitting fastenings!



KMU/KMP/SMX 16/20x1/2"	71912BD0	1	-	PCE	
KMU/KMP/SMX477 16/20	2678420	1	-	PCE	

KM533 KELOX wall bracket seal washer

Security splash protection, self-adhesive on one side, for waterproof leadthrough of wall brackets in drywall installation and under ceramic coverings in wet rooms



25/1/2"	7704250	10	100	PCE	
28/3/4"	7704260	10	100	PCE	

KM534 KELIT wall bracket sealing sleeve

Wall bracket seal for dry construction and normal installation from the wall, incl. 60mm-long plastic push-on tube that can be cut to length. The construction plug can be screwed into the wall disk and removed easily when carrying out second fix work



1/2"	7704270	10	50	PCE	
3/4"	7704280	10	40	PCE	

KM534W KELIT wall bracket underlay

Elastomer wall bracket insulating underlay, for pushing onto wall brackets KMP480, KMP480Z, KMP480L, KMP477, KMP481, KWX480, KWX475, KMU480, KMU480Z, KMU475, KMU477, SMX480, SMX480Z, SMX477



1/2"-3/4"	7704290	10	200	PCE	
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K88 KELIT pipe channel

Pipe channel made of galvanized sheet steel, dimensions d16, 20, 25 and 32mm, self-clamping on pipe design Length 2m



16	2670260	40	-	MTR	
20	2670300	40	-	MTR	
25	2670600	40	-	MTR	

KM616 KELOX pegs

Plastic impact dowel for fastening KELOX multilayer pipes in concrete



60mm	6305080	50	-	PCE	
80mm	6305100	50	-	PCE	

Type	Designation	Art. No.	PU1	PU2	Unit	
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WZ513 STEELOX deburring tool

Deburring tool to round the cut edges and chamfer the inner pipe wall of the STEELOX multi-layer composite pipe



16	5701160	1	-	PCE	
20	5701200	1	-	PCE	
25	5701250	1	-	PCE	

WZ515 STEELOX tool set

Tool kit for processing STEELOX



Tool SET 1 consisting of:
WZ516 multi pipe-deburring tool d16-25,
WZ520 bending spring d16-25,
WZ532 pipe cutter d16-25,
WZ580 press jaw - SX d16-25,
special knife for stripping STEELOX Plus pipes,
STEELOX assembly manual,
packed in a case.

Set 1	5709100	1	-	PCE	
Case	5709080	1	-	PCE	
Wire-stripping knife	5709090	1	-	PCE	

WZ516 STEELOX multi pipe deburring tool

Multi pipe-deburring tool for rounding-off cut edges and applying an outer bevel to STEELOX multi-layer composite piping



16-20-25	5795810	1	-	PCE	
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WZ520 STEELOX bending spring

For bending STEELOX multilayer composite pipes to tight radii (less than 8d) without cross-section constriction, fitted with a 0.9 m extension spring.
Spring length: 640mm



0.9 m extension spring available separately on request!

16	5700160	1	-	PCE	
20	5700200	1	-	PCE	
25	5700250	1	-	PCE	

WZ532 STEELOX pipe cutter

For cutting to length STEELOX multilayer composite pipes of up to d25mm



16-25	5795100	1	-	PCE	
Replacement blade	5795110	1	-	PCE	

Type	Designation	Art. No.	PU1	PU2	Unit	
WZ970	KELIT cordless press - li-ion					



Electro-mechanical Klauke 18V 3Ah li-ion battery press machine for pressing
d16-75mm KELOX and WINDOX press system components and
STEELFIX d15-54mm system press components
STEELOX d16-25mm system press components
COPPERFIX d15-54mm system press components
CLIMATEFIX d12mm system press components
including two 18V rechargeable batteries and 230V charger for 18V.

ATTENTION! When using third-party products, note that a minimum pressing force of 30 kN is needed!

KE KELIT recommends inspecting pressing tools once per year to ensure proper function and maintain the warranty; please contact KE KELIT or the respective device manufacturer directly!

Press-SET 18V Li-Ion	9900070	1	-	SET
Rechargeable battery 18V Li-Ion	9900170	1	-	PCE
Charger 18V Li-Ion	9900270	1	-	PCE
Case blue 18V	9900260	1	-	PCE

WZ580	STEELOX pressing jaws – SX					
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Pressing jaw inserts for press-fitting STEELOX system parts using a WZ970 KELIT CORDLESS press tool
Designation: SX profile

CAUTION! Only ever use for STEELOX!

KE KELIT recommends inspecting pressing tools once per year to ensure proper function and maintain the warranty; please contact KE KELIT or the respective device manufacturers directly!

16	5795210	1	-	PCE
20	5795410	1	-	PCE
25	5795510	1	-	PCE



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ÖNORM EN ISO 9001
ÖNORM EN ISO 14001
ÖNORM EN ISO 10005
ÖNORM EN ISO 50001



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NR. 9087

