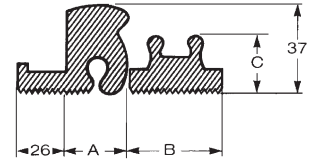


## House penetration seals

### LEAD THROUGH SEAL, 6510

Our original Sealing Ring F801 is intended as a water seal when embedding a pipe in a concrete wall or floor. It is designed to function trouble free in both high and low water pressure conditions. The F801 is also a so called "movement friendly" seal which allows axial movement of the embedded pipe. The seal can be adjusted after embedment.



Dimension	A	B	C
DY 110-180	25	40	22
DY 200-1000	31	50	27

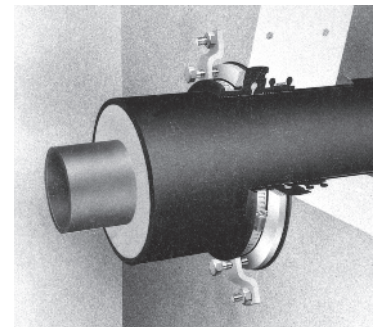
Lead Through Seal F801 is intended for use as a seal between the pipe and the concrete wall where there is axial movement and/or a great risk of high ground water pressure.

**Article No.**

6510 +OD HDPE jacket pipe -000-000

**An example of how to order:**

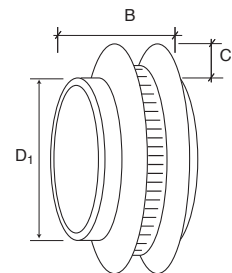
Lead Through Seal for a pre-insulated pipe DN 200/355, Article No. 6510-355-000-000.



### EMBEDMENT RING, 6520

The embedment ring, water barrier F802 is used for water and/or radon sealing when embedding a circular pipe in a concrete wall or floor. It is suitable for all types of piping, for example, plastic, cast iron, steel, concrete etc., and should be mounted directly onto a pipe so that they are cased together. In certain cases the ring can be used on corrugated plastic piping.

The unique profile of the ring, combined with the accompanying hose-clip, provides efficient sealing between the pipe and the concrete. The excellent sealing qualities are partly due to the ability of the hose-clip to hold the rubber ring tightly against the pipe during the casting process. The "ears" of the ring are also fastened completely in the concrete when the concrete hardens. The F 802 ring can advantageously be used when a pipe is not under stress from any axial movement.



Location of the F802 in concrete

If holes is to be drilled in the concrete wall for later embedding of pipes/rubber ring in concret, we recommend following min. drill holes:

HDPE dim	Hole
40-180	HDPE Jacket dim. + 100 mm.
≥200	HDPE Jacket dim. + 120 mm.

Dimension	B	C
DY 63-180	40	22
DY 200-1000	50	27

Embedment ring is used as a seal between the District Heating pipes and the concrete wall where the axial movement is small.

**Article No.**

6520-HDPE jacket pipe-000-000

**An example of how to order:**

Embedment ring for dimension DN 200/355 has Article No. 6520-355-000-000.

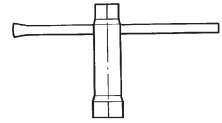
When mounting in other types of holes (for example rectangular), there should be a clear space above the rubber ring of 20 mm.

## Shut-off valves

### T-WRENCH FOR VALVE AND AIR-RELEASE

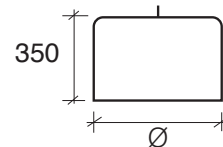
Article No. 4120-019-027-000.

Wrench size 19 and 27 mm.



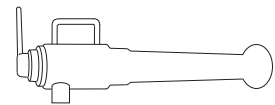
### PROTECTION CAP FOR VALVES AND AIR RELEASE UNITS

Article No. 6136 - Dim valve 000-000.



### PORTABLE REDUCTION GEAR

Valve	Article No.
DN 100–150	7801-027-000-000
DN 200–400	7801-050-000-000

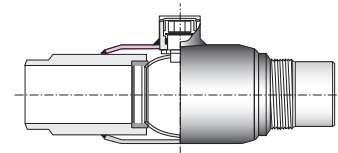


### HOT TAPPING VALVE

DN 32–150

Article No. 9260-DN-000-000

	Length [mm]
DN 25	209
DN 32	207
DN 40	226
DN 50	262
DN 65	280
DN 80	312
DN 100	352
DN 125	265
DN 150	305



### HOT TAPPING TOOL

Valve	Article No.
DN 20	7871-002-000-000
DN 25-100	7871-001-000-000

### ADAPTER FOR VALVE

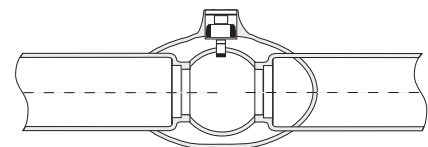
Dim:	Article No.
DN 125-150	7871-003-000-000

### SINGLE USE VALVE

DN 20 – DN 200

Article No. 9247-DN-000-333.  
 A extendet casing is recommende  
 for the single use valve,  
 see 6:205

	Length [mm]
DN 20-25	230
DN 32-40	260
DN 50-80	300
DN 100-125	325
DN 150	350
DN 200	390

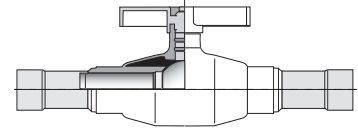


## Shut-off valves

### SERVICE VALVE FOR SINGLE HOUSE CONNECTION

Copper / internal thread	Ø 15-88, DN 10-25
Copper / copper	Ø 15-54
Welding / copper	DN 15-50, Ø 15-54

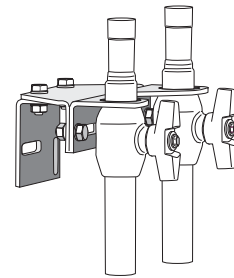
**Article No.** 9247-DN-000-332.



### TWIN VALVE FOR SINGLE HOUSE CONNECTION

Copper / copper	Ø 18-28
Copper / internal thread	Ø 22 / 3/4" – Ø 28 / 1"
Welding / copper	DN 20 / Ø 18, 22, 28 – DN 25 / Ø 22, 28
Welding / welding	DN 20, 25
Welding / internal thread	DN 20 / 3/4"
internal thread / internal thread	3/4"

**Article No.** 7750-DN-000-000.

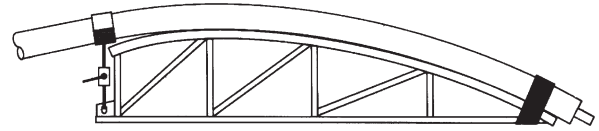


## Miscellaneous

### BENDING TOOL TYPE A

Curve radius 2 m. Can be used for dimensions up to DN 80 alt. DN2\*50.

**Article No.** 7860-001-000-000.

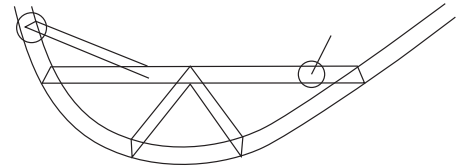


Before use please see "Use and safety instructions"!

### ENDING TOOL TYPE B

Curve radius 0.8 m. Used for flexible pipes

**Article No.** 7860-002-000-000

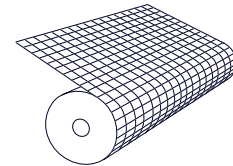


Before use please see "Use and safety instructions"!

### PROTECTION NET OF HDPE

Protection net is used as mechanical protection for all joints in exposed environments. Width 1000 mm, thickness 6 mm, 20 meter/roll

**Article No.** 6190-006-000-000.



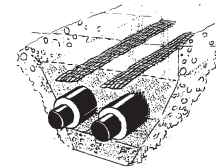
Clips to protection net

**Article No.** 6190-001-000-000.

### WARNING NET

Width 500 mm, length 100 m, purple color

**Article No.** 6990-000-000-000.



### WARNING BAND

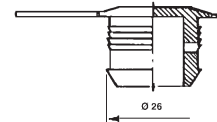
Width 150 mm, length 250 m.

**Article No.** 6990-001-000-000

### PLUG FOR JOINTS, NON WELDING TYPE

Dimension 21 mm.

**Article No.** 6550-035-000-000.



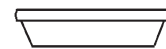
### WELDINGPLUGG

Dimension 22 mm. For plugging of foam holes. Requires special tools.

See §10.3.37!

Package size: 2000 pc.

**Article No.** 6550-050-000-000.



### FOPS (COVER PATCH)

Diameter 90 mm. Used to cover weldingplugg to provide extra security.

Package size: 100 pc.

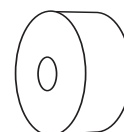
**Article No.** 6550-012-000-000



### WOVEN MASTIC

Width c:a 60 mm. 25 meter/roll.

**Article No.** 6550-004-000-000.



### WOVEN MASTIC

Width c:a 100 mm, 25 meter/roll

**Article No.** 6550-011-000-000

## Diverse

### WELDING WIRE PEH

Black. Diameter 4 mm. approximately 2 kg/roll

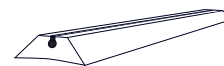
**Article No.** 9551-001-000-000.

### SPACER FOR ALARM WIRE

Length 400mm

Package size: 100 pc.

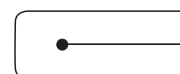
**Article No.** 6890-010-000-000.



### HYGROSCOPIC FELT

400 x 100 mm. Package size: 100 pc.

**Art.nr.** 6890-011-000-000



### SPLICING SLEEVE FOR ALARM WIRE

Package size: 1000 pc.

**Article No.** 6890-100-000-000.



### INSULATED ALARM WIRE

(For special applications, such as when clamping in real estate, houses).

**Article No.** 9720-020-000-000

### STANDARD ALARM WIRE

Roll with approximately 10 kg. wire. 1,5 mm<sup>2</sup>

**Article No.** 9720-000-000-000

### RAIL FOR ALARM WIRE (Cable 3 dc)

Box with approximately 100 pc.

**Article No.** 6890-013-000-000 (for cooling and steam).

### SPLICING PLIER

Used to contact-pressure alarm wire in the joint bushing.

**Article No.** 6890-100-100-000.



### POLYOL ( DELIVERED IN A DRUM )

A drum contains ~220 kg. For need of smaller quantities please contact

Please study the instruction Chap. 10 prior to use.

**Article No.** 6706-000-000-000.



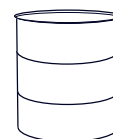
### ISOCYANATE ( DELIVERED IN A DRUM )

Article No. 6720-000-000-000

A drum contains ~250 kg. For need of smaller quantities please contact Powerpipe!

Please study the instruction in Chap. 10 prior to use.

**Article No.** 6720-000-000-000.



## Miscellaneous

**MEGGER ISOLATION VOLTAGE TESTER MIT 400**  
 Article No. 6870-000-000-000.

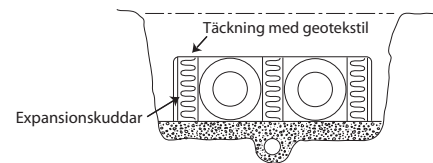
**MEGGER ISOLATION VOLTAGE TESTER 240**  
 Article No. 6870-000-000-000



**PULSE ECHO MEASUREMENT UNIT TYPE TDR 2000-2**  
 Article No. 6871-000-000-000.

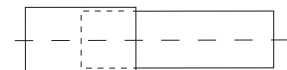


**FOAM PADS**  
 Length 1000 mm, thickness 40 mm, width as desired.  
 Article No. 7800-DY-000-000.



### TRANSITION COPPER-STEEL

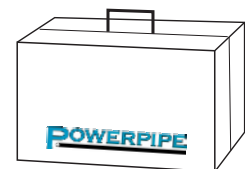
Straight Ø 22 - DN 20 (26,9)  
 Ø 28 - DN 25 (33,7)  
 Ø 35 - DN 32 (42,4)



Article No. 6800-ØCu-000-000.

### BOX FOR EQUIPMENT AT JOINTING WORK

- Voltage tester
- Plug
- Splicing plier
- Gasnozzle
- Pressuretest equipment..
- Welding equipment
- Splicing sleeves
- fops press
- conical drill



Article No. 9908-000-000-000.

### PLUG-WELDING EQUIPMENT

Plug-welding, electronic MSG 41E incl. required equipment.  
 Article No. 6890-100-200-000.

### BRANCHING PIPE

Used when connecting of double pipe to double pipe.  
 Available for DN 25, 32, 40 and 50.

Article No. 8205-DN-000-000.



### COLD BENDED BEND 5S

Article No. 8201-DN-900-000

# ACCESSORIES

8:401

## Portion foam Joints, single pipes

Ready to use portion foam for field installation of pre-insulated pipe joints.  
The portion foam is delivered in bottles.



### PORTION FOAMS, 6480 Dimensioning table for single pipe systems

Dim. DN [mm]	Series 1 Bottle No.			Series 2 Bottle No.			Series 3 Bottle No.			Series 4 Bottle No.		
	PEH Dy	Stand.	Flex	PEH Dy	Stand.	Flex	PEH Dy	Stand.	Flex	PEH Dy	Stand.	Flex
20				110	3	4	125	4	5	140	6	8
25	90	2	2	110	3	4	125	4	5	140	6	8
32	110	3	4	125	4	5.1	140	5	5.1	160	6.1	9
40	110	3	4	125	4	5.1	140	5	5.1	160	6.1	9
50	125	4	5.1	140	5	6.1	160	6	8	180	7	9.1
65	140	4	6.1	160	6	8	180	6.1	9	200	8	10
80	160	5.1	8	180	6.1	8.1	200	8		225	9	10.1
100	200	6		225	8.1		250	10		280	11	
125	225	7		250	9		280	10.1		315	11.1	
150	250	8		280	10		315	11.1		355	9.1+9.1	
200	315	10		355	11.1		400	12		450	11+11.1	
250	400	11.1		450	13		500	13.1		560	12+12	
300	450	11.1		500	13.1		560	13.1+8		630	12+13	
350	500	13		560	13.1+10		630	13.1+11.1		710	13.1+13.1	
400	560	13.1		630	13.1+11		710	13.1+13.1				
450	560	12		630	13.1+10		710	12+13				
500	630	13.1		710	13.1+11.1		800	13.1+13.1				

The "Flex" above refers to T-piece with bend and flexible casing for flexible pipe.  
The amounts above are based upon the free casing length 500 mm shrink casing dimensions and temperature +15° C - +40° C on the casing and steel pipe. Foam liquids must have a temperature of approximately 20°C

**Article No.**  
6480-bottle No.-000-000.

**An example of how to order:**  
Bottle size 5.1 has Article No. 6480-051-000-000

**Please observe: Increased amount of foam is needed at cold pipes.  
A solution could be to use next bigger size of bottle.**

# ACCESSORIES

8:402

## Portion foam Joints, double pipes

Ready to use portion foam for field installation of pre-insulated pipe joints.  
The portion foam is delivered in bottles.



### PORTION FOAM, 6480

Dimensioning table for double pipe systems

Dimension DN	STANDARD PEH		DOUBLE+ PEH		DOUBLE++ PEH	
	Dy [mm]	Bottle No.	Dy [mm]	Bottle No.	Dy [mm]	Bottle No.
2 x 20	140	5	160	6	180	7
2 x 25	140	5	160	6	180	7
2 x 32	160	6	180	6.1	200	8
2 x 40	160	6	180	6.1	200	8
2 x 50	200	8	225	8.1	250	10
2 x 65	225	8.1	250	10	280	10.1
2 x 80	250	10	280	10.1	315	11.1
2 x 100	315	11.1	355	9+9	400	10.1+10.1
2 x 125	400	12	450	13	500	11.1+12
2 x 150	450	13	500	13.1	560	12+12
2 x 200	560	12+12	630	11.1+12		

The "Flex" above refers to T-piece for flexible pipe.

The amounts above are based upon the free casing length 500 mm shrink casing dimensions and temperature 15° C - +40° C on the casing and steel pipe. Foam liquids must have a temperature of approximately 20°C

#### Article No.

6480-bottle No.-000-000.

#### An example of how to order:

Bottle size 8.1 has Article No. 6480-081-000-000

**For calculating relations Polyol/Isocyanat please see 10.3.38**

**Please observe: Increased amount of foam is needed at cold pipes.  
A solution could be to use next bigger size of bottle.**