

GF Piping Systems












Utility

PE Systems, Machines & Tools



Important Note:

The technical data given in this catalogue is for preliminary information purposes only, and is published without guarantee. All pictures are for illustrative purposes only and should not be regarded as wholly accurate in every detail. We reserve the right to withdraw or alter the specification on any product without notice.

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Quality assurance at all levels



GF Piping Systems products are designed with the highest quality standards to give you the deserved peace of mind. Therefore, not only intensive testing and multiple quality controls are required, but also consistent materials.

Safety and reliability on the materials can only be achieved through the correct dispersion of the carbon black and other essential additives within the polymer matrix. As a result, GF Piping Systems only use fully compounded 100% virgin PE resins, approved by the PE100+ association. This assures not only a high quality material, but also an outstandingly long lifetime performance.

Whether it is for a 100% virgin PE resin or a completely finished product, GF Piping Systems tests compliance with the guaranteed characteristics thanks to its outstanding laboratory competence.

GF Piping Systems tests the material, joining technology and products down to the smallest detail beyond the measure specified by standards at its accredited laboratory (ISO/IEC 17025) in Schaffhausen, Switzerland. Moving to the ultimate safety level, the outstanding quality provided by GF Piping Systems is proven by the numerous international approvals that it possesses.





GF Piping Systems has always been committed to providing the best quality in products and services. We know that, in more than 100 countries, our solutions are used in vital applications that allow for no failures or unplanned downtimes. Our experts work every day to make sure that you receive the best quality possible. You can trust the products from GF Piping Systems – today and for years to come.

This is expressed in the way we work: quality, safety, and responsibility are implemented in our organization to serve you as well as possible. GF Piping Systems fulfils the ISO 9001, ISO 14001, and OHSAS 18001 standards for quality, environmental, and work safety management. After all, governance and process excellence are essential for quality.

Our products are designed to be safe and easy to install, with lifespans as long as the applications themselves. To ensure this, we subject our products to extensive internal and external tests and reviews. Their outstanding quality is confirmed by the numerous certifications and approvals they have received. These include global and national standards from highly respected organizations and institutions, but also specific customer certifications, as requested.

Our experts are happy to provide you the certificates you need for your applications and guide you through the applicable systems and standards, as needed. Please contact a GF Piping Systems representative near you, or contact our Global Service & Support team by e-mail at info.au@georgfischer.com.

Visual quality control of the welding zone at the **ELGEF Plus Branch Saddle Topload**



Approvals

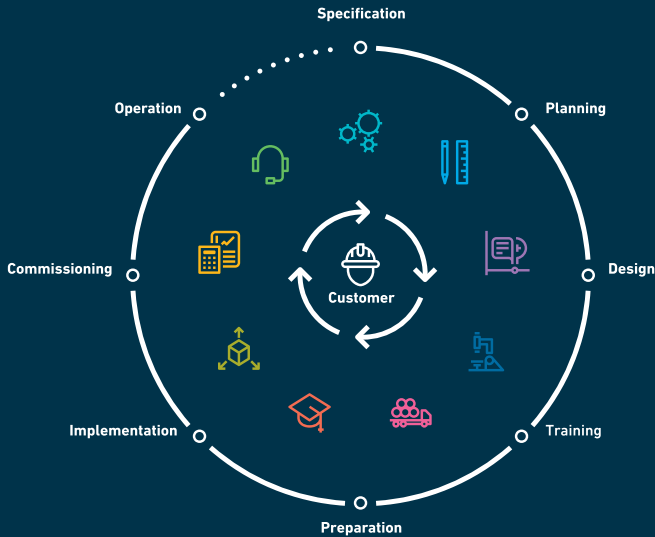


A selection of more than 40 product approvals available, more on request.

Specialized Solutions

Ready when you are

With Specialized Solutions, the global leader GF Piping Systems provides project support every step of the way to achieve construction excellence. Allowing owners and planners to concentrate on their daily business without interruption.



GF Piping Systems supports the conception and design process of a project from the outset to ensure that a sustainable and efficient solution is achieved.

Whether in the selection of the right plastic solution from our extensive portfolio, the management of complex sub-projects, or quality control based on recognized

international standards - you can benefit from Specialized Solutions for all application areas and references from a wide range of industries across the entire product range.

More Information at



gfps.com/specialized-solutions

Specialized Solutions

Ready when you are

With Specialized Solutions, GF Piping Systems supports the design and installation of state of the art plastic piping systems, so that owners and planners can concentrate on their daily business without interruption. GF Piping Systems is present every step of the way, from providing planning support on new projects to testing the condition of old systems.

Recommended services



Specialized Insight

Integrity of a piping system is essential for owner/operators of water, gas and chemical process plants. Ultrasonic NDT (Non-Destructive Testing) provides testing options at the point of installation, while Pipe Condition Assessment can be employed during operation to acquire real data about the state of piping systems.



Custom Product Design and Off Site Prefabrication

Having your individual needs and application in focus, our customizing teams forge the solution that fits you best, developing custom made parts to complete systems or special solutions produced in small series, individual consulting and off site prefabrication.

Please email

aus_fabrication@georgfischer.com for more information.



CONNECT Conrivo

CONNECT Conrivo (Track & Trace) is a cloud-based field data collector, supporting you with a wide range of online functionalities to streamline your decision-making process throughout the implementation and operation of any kind of project.



GF PS Academy (Training)

GF Piping Systems instructional courses to help you teach your customers and their installers essential knowledge for the welding of pipes and piping components, as well as an in-depth understanding of butt and electrofusion connections. With Specialised Education from GF Piping Systems, we help prevent damage before it occurs, with well-trained and qualified installers.

ELGEF Plus – The unique modular electrofusion system

The ELGEF Plus modular saddle system from GF Piping Systems offers you the right kind of connection for every application.

With the ELGEF Plus electrofusion saddle at its core, the installation guarantees ...

+ Speed

+ Simplicity

+ Flexibility

The only
programme
with a modular
system!



Saddle



with tapping tee



with pressure tapping valve



with tapping tee, coupler and ball valve



with transition adaptor



with stop-off adaptor



with spigot and cutter



NeoFlow Pressure Regulating Valve

Compact, intelligent, and low maintenance



Smart valve

Integrated pilot valve to optimize pressure regulation and optional integrated equipment to monitor flow and water quality.



No actuator stem or diaphragm

Significantly reduced complexity. Low maintenance requirements due to very simple design with few components and no elastomer diaphragm.



Axial flow

More accurate and very stable flow (down to zero), even at a small operating differential. Higher flow precision, also enabling pressure management in low pressure systems.









9x lighter than a standard metal PRV

40% less time to install than a standard metal PRV

5x more compact than a standard metal PRV

Electrofusion fittings



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Coupler With integral pipe fixation

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- 4mm pin connectors
- Limited path fusion indicators
- Removable centre stop
- With integral pipe fixation

d	Code
(mm)	
20	753 911 606
25	753 911 607
32	753 911 608
40	753 911 609
50	753 911 610
63	753 911 611



Coupler

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- 4mm pin connectors
- Limited path fusion indicators
- Removable centre stop up to d160

d	Code
(mm)	
75	753 911 612
90	753 911 613
110	753 911 614
125	753 911 615
140	753 911 616
160	753 911 617
180	753 911 618
200	753 911 619
225	753 911 620
250	753 911 621
280	753 911 622
315	753 911 623



Coupler

- **PE 100 SDR 11** (ISO S5)
- 10 bar Gas / 16 bar Water
- 4mm pin connectors
- Limited path fusion indicators
- With active reinforcement
- Ø560 – 800 have two separate (bifilar) welding zones (both pipe ends welded separately)
- Material: monofilament
- Ø355 – 500 have two connected (monofilar) welding zones (both pipe ends can be welded simultaneously)

d (mm)	Code
355	753 911 704
400	753 911 705
450	753 911 706
500	753 911 707
560	753 911 708
630	753 911 709
710	753 911 710
800	753 911 711



Coupler

- **PE 100 SDR 11** (ISO S5)
- 16 bar Water
- Only for water applications
- 4mm pin connectors

d (mm)	Code
900	753 911 652



Coupler

- **PE 100 SDR 17** (ISO S8)
- 5 bar Gas / 10 bar Water
- 4mm pin connectors
- Limited path fusion indicators
- d160 with removable centre stop

d (mm)	Code
160	753 911 817
180	753 911 818
200	753 911 819
225	753 911 820
250	753 911 821
280	753 911 822
315	753 911 823



Coupler

- **PE 100 SDR 17** (ISO S8)
- 5 bar Gas / 10 bar Water
- 4mm pin connectors
- Limited path fusion indicators
- With active reinforcement
- Ø560 – 800 have two separate (bifilar) welding zones (both pipe ends welded separately)
- Ø355 – 500 have two connected (monofilar) welding zones (both pipe ends can be welded simultaneously)

d (mm)	Code
355	753 911 804
400	753 911 805
450	753 911 806
500	753 911 807
560	753 911 808
630	753 911 809
710	753 911 810
800	753 911 811



Coupler

- **PE100 SDR17** (ISO S8)
- 10 bar Water
- Only for water applications
- 4mm pin connectors

d (mm)	Code
900	753 911 852
1000	753 911 853
1200	753 911 854



Elbow 90° With integral pipe fixation

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- 4mm pin connectors
- Limited path fusion indicators

d	Code
(mm)	
20	753 101 606
25	753 101 607
32	753 101 608
40	753 101 609
50	753 101 610
63	753 101 611



Elbow 90°

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- 4mm pin connectors
- Limited path fusion indicators

d	Code
(mm)	
75	753 101 612
90	753 101 813
110	753 101 814
125	753 101 815
140	753 101 816
160	753 101 817
180	753 101 818



Elbow 90°

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- 4mm pin connectors
- Limited path fusion indicators
- Two separate fusion zones

d	Code
(mm)	
200	753 101 819
225	753 101 820
250	753 101 821



Elbow 45° With integral pipe fixation

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- 4mm pin connectors
- Limited path fusion indicators

d (mm)	Code
32	753 151 608
40	753 151 609
50	753 151 610
63	753 151 611



Elbow 45°

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- 4mm pin connectors
- Limited path fusion indicators

d (mm)	Code
75	753 151 612
90	753 151 813
110	753 151 814
125	753 151 815
140	753 151 816
160	753 151 817
180	753 151 818



Elbow 45°

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- 4mm pin connectors
- Limited path fusion indicators
- Two separate fusion zones

d (mm)	Code
200	753 151 819
225	753 151 820
250	753 151 821



Tee 90° equal With integral pipe fixation

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- 4mm pin connectors
- Limited path fusion indicators

d (mm)	Code
20	753 211 606
25	753 211 607
32	753 211 608
40	753 211 609
50	753 211 610
63	753 211 611



Tee 90° equal

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- 4mm pin connectors
- Limited path fusion indicators

d (mm)	Code
75	753 201 612
90	753 201 813
110	753 201 814
125	753 201 815
140	753 201 816
160	753 201 817
180	753 201 818



Tee 90° equal

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- 4mm pin connectors
- Limited path fusion indicators
- Two separate fusion zones

d (mm)	Code
200	753 201 819
225	753 201 820
250	753 201 821



Tee 90° reduced

- **PE 100 SDR 11** (ISO S5)
- 10 bar Gas / 16 bar Water
- 4mm pin connectors
- Limited path fusion indicators
- * Two separate fusion zones

	d (mm)	d2 (mm)	Code
	110	90	753211034
	125	90	753211035
	140	63	753901867
	140	75	753901868
	140	90	753901869
	140	110	753901870
	160	63	753211025
	160	90	753211026
	160	110	753211027
	180	125	341005029
*	200	90	753211059
*	200	110	753211060
*	200	160	753211063
*	225	90	753211069
*	225	110	753211070
*	225	160	753211073
*	250	110	753211080
*	250	160	753211083

Tee 90° Electrofusion Hydrant Tee With AS4087 SS316 backing ring



- **PE100 SDR11**
- 10 bar Gas / 16 bar Water
- 4mm pin connectors
- Limited path fusion indicators

	d (mm)	d2 (mm)	Code
	125	125	20006A438
	180	125	20006A435
	180	180	20006A473
	250	125	20006A457
	355	125	20006A586



Reducer With integral pipe fixation

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- 4mm pin connectors
- Limited path fusion indicators

d (mm)	d2 (mm)	Code
25	20	753 901 639
32	20	753 901 640
32	25	753 901 641
40	20	753 901 644
40	25	753 901 645
40	32	753 901 646
50	32	753 901 651
50	40	753 901 652
63	32	753 901 656
63	40	753 901 657
63	50	753 901 658



Reducer

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- 4mm pin connectors
- Limited path fusion indicators

d (mm)	d2 (mm)	Code
90	63	753 901 831
110	63	753 901 832
110	90	753 901 833
125	90	753 901 836
160	90	753 901 839
160	110	753 901 864
180	125	753 901 865



Reducer

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- 4mm pin connectors
- Limited path fusion indicators
- Two separate fusion zones

d (mm)	d2 (mm)	Code
200	160	753 901 837
225	160	753 901 838
225	200	753 901 845
250	160	753 901 840
250	200	753 901 841
250	225	753 901 842



End cap

With integral pipe fixation

- PE 100 SDR 11 (ISO S5)
- With integral pipe fixation
- 10 bar Gas / 16 bar Water
- 4mm pin connectors
- Limited path fusion indicators

d (mm)	Code
20	753 961 606
25	753 961 607
32	753 961 608
40	753 961 609
50	753 961 610
63	753 961 611



End cap (kit)

- **PE 100 SDR 11** (ISO S5)
- 10 bar Gas / 16 bar Water
- 4mm pin connectors
- Limited path fusion indicators
- Supplied as kit including ELGEP® Plus Coupler

d (mm)	Code
75	753 961 712
90	753 961 713
110	753 961 714
125	753 961 715
140	753 961 716
160	753 961 717
180	753 961 718
200	753 961 719
225	753 961 720



End cap

- **PE 100 SDR 11** (ISO S5)
- 10 bar Gas / 16 bar Water
- 4mm pin connectors
- Limited path fusion indicators

d (mm)	Code
160	753 961 617
200	753 961 619
225	753 961 620
250	753 961 621



Transition coupler PE/stainless steel Female thread Rp

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- With integral pipe fixation
- 4mm pin connectors
- Limited path fusion indicators
- Supplied as a kit

d (mm)	Rp (inch)	Code
20	½	724 920 256
25	¾	724 920 257
32	1	724 920 258
40	1 ¼	724 920 259
50	1 ½	724 920 260
63	2	724 920 261



Transition coupler PE/stainless steel Male thread R

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- With integral pipe fixation
- 4mm pin connectors
- Limited path fusion indicators
- Delivered as a kit. Further combinations: modular system with threaded adapter and reduction.

d (mm)	R (inch)	Code
20	½	724 920 756
25	¾	724 920 757
32	1	724 920 758
40	1 ¼	724 920 759
50	1 ½	724 920 760
63	2	724 920 761



Transition coupler PE/brass With loose nut G

- PE 100 SDR 11 (ISO S5)
- 16 bar Water
- With integral pipe fixation
- 4mm pin connectors
- Limited path fusion indicators
- Delivered as a kit. Further combinations: modular system with threaded adapter and reductions.
- Incl. flat gasket for water applications (KTW / WRAS approved)

d (mm)	G (inch)	Code
25	¾	720 910 007
32	1	720 910 008
32	1 ½	720 910 028
50	1 ½	720 910 010
63	1	720 910 021
63	2	720 910 011



Transition coupler PE/brass Male thread R

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- With integral pipe fixation
- 4mm pin connectors
- Limited path fusion indicators
- Supplied as kit with ELGEF Plus Coupler or *reducer

d (mm)	R (inch)	Code
20	½	720 920 756
*	20 1	720 920 754
25	¾	720 920 757
*	25 1	720 920 763
*	32 ½	720 920 764
	32 ¾	720 920 765
	32 1	720 920 758
	32 1 ¼	720 920 766
	32 1 ½	720 920 767
*	32 2	720 920 768
	40 1	720 920 771
	40 1 ¼	720 920 759
	40 1 ½	720 920 772
*	40 2	720 920 773
	50 1	720 920 776
	50 1 ¼	720 920 777
	50 1 ½	720 920 760
	50 2	720 920 778
	63 1	720 920 781
	63 1 ¼	720 920 782
	63 1 ½	720 920 783
	63 2	720 920 761



Transition coupler PE/brass Female thread Rp

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- With integral pipe fixation
- 4mm pin connectors
- Limited path fusion indicators
- Supplied as a kit

d (mm)	Rp (inch)	Code
32	1	720 920 258
40	1 ¼	720 920 259
50	1 ½	720 920 260
63	1	720 920 281
63	1 ¼	720 920 282
63	1 ½	720 920 283
63	2	720 920 261



Transition elbow PE/stainless steel Female thread Rp

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- With integral pipe fixation
- 4mm pin connectors
- Limited path fusion indicators
- Supplied as a kit

d (mm)	Rp (inch)	Code
20	½	724 100 256
25	¾	724 100 257
32	1	724 100 258
40	1 ¼	724 100 259
50	1 ½	724 100 260
63	2	724 100 261



Transition elbow 90° PE/stainless steel Male thread R

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- With integral pipe fixation
- 4mm pin connectors
- Limited path fusion indicators
- Supplied as a kit

d (mm)	R (inch)	Code
20	½	724 100 756
25	¾	724 100 757
32	1	724 100 758
40	1 ¼	724 100 759
50	1 ½	724 100 760
63	2	724 100 761



Transition elbow 90° PE/brass Male thread R

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- With integral pipe fixation
- 4mm pin connectors
- Limited path fusion indicators
- Supplied as a kit

d (mm)	R (inch)	Code
20	½	720 100 756
25	¾	720 100 757
32	1	720 100 758
32	1 ¼	720 100 766
32	1 ½	720 100 767
40	1	720 100 771
40	1 ¼	720 100 759
40	1 ½	720 100 772
50	1	720 100 776
50	1 ¼	720 100 777
50	1 ½	720 100 760
63	1 ¼	720 100 782
63	1 ½	720 100 783
63	2	720 100 761



Transition elbow 90° PE/brass Female thread Rp

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- With integral pipe fixation
- 4mm pin connectors
- Limited path fusion indicators
- Supplied as a kit

d (mm)	Rp (inch)	Code
32	1	720 100 258
40	1 ¼	720 100 259
50	1 ½	720 100 260
63	1	720 100 281
63	1 ¼	720 100 282
63	1 ½	720 100 283
63	2	720 100 261



Transition elbow 90° PE/brass Loose nut G

- PE 100 SDR 11 (ISO S5)
- 16 bar Water
- With integral pipe fixation
- 4mm pin connectors
- Limited path fusion indicators
- Supplied as a kit
- Incl. flat gasket for water applications (KTW / WRAS approved)

d (mm)	G (inch)	Code
25	¾	720 100 007
32	1	720 100 008
32	1 ¼	720 100 018
50	1 ½	720 100 010
63	1	720 100 021
63	2	720 100 011



**Transition adaptor PE/brass (CW617N)
Female thread Rp**

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- Only for ELGEF Plus Couplers and Fittings

d (mm)	Rp (inch)	Code
32	1	720 920 208
40	1 ¼	720 920 209
50	1 ½	720 920 210
63	1	720 920 221
63	1 ¼	720 920 231
63	1 ½	720 920 241
63	2	720 920 211
75	2 ½	200 064 949
90	3	200 064 950
110	4	200 064 951
125	4	200 064 890



**Transition adaptor PE/brass (CW617N)
Male thread R**

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- Only for ELGEF Plus Couplers and Fittings

d (mm)	R (inch)	Code
20	½	720 920 706
25	¾	720 920 707
32	1	720 920 708
32	1 ¼	720 920 718
32	1 ½	720 920 728
40	1	720 920 719
40	1 ¼	720 920 709
40	1 ½	720 920 729
50	1	720 920 720
50	1 ¼	720 920 730
50	1 ½	720 920 710
63	1 ¼	720 920 721
63	1 ½	720 920 731
63	2	720 920 711
75	2 ½	200 064 961
90	3	200 064 962
110	4	200 064 963
125	4	200 064 893



**Transition adaptor PE/brass
Loose nut (CW617N)**

- PE 100 SDR 11 (ISO S5)
- 16 bar Water
- 4mm pin connectors
- Limited path fusion indicators
- Delivered as a kit. Further combinations: modular system with threaded adapter and reductions.
- Only for ELGEF Plus Couplers and Fittings
- Incl. flat gasket for water applications (KTW / WRAS approved)
- WRAS Approved

d (mm)	G (inch)	Code
25	¾	720 920 007
32	1	720 920 008
32	1 ¼	720 920 018
50	1 ½	720 920 010
63	1	720 920 021
63	2	720 920 011



**Transition adaptor PE/stainless steel
Female thread Rp**

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- Only for ELGEF Plus Couplers and Fittings
- Stainless steel V2A (1.4305)
- Larger dimensions available upon request

d (mm)	Size (inch)	Code
20	½	724 920 206
25	¾	724 920 207
32	1	724 920 208
40	1 ¼	724 920 209
50	1 ½	724 920 210
63	2	724 920 211



**Transition adaptor PE/stainless steel
Male thread R**

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- Only for ELGEF Plus Couplers and Fittings
- Stainless steel V2A (1.4305)
- Larger dimensions available upon request

d (mm)	Size (inch)	Code
20	½	724 920 706
25	¾	724 920 707
32	1	724 920 708
40	1 ¼	724 920 709
50	1 ½	724 920 710
63	1 ½	724 920 721
63	2	724 920 711



Transition fitting PE/galvanised steel roll groove

- PE100 SDR11
- 16 bar Water

d (mm)	d1 (inch)	Code
125	4	200 064 894
180	6	200 064 895







Transition Fitting PE/Nylon

- PE100 SDR11
- Polyamide fittings to AS 2944.2
- *Threaded Transition (720920211)
- **Flanged Adaptor PE100 (753800014)
- **Flanged Adaptor PA11 (200059611)
- **Comes with Nitrile Gasket

PE Outlet (mm)	Nylon Inlet (mm)	Code
20	12	200 064 985
20	18	200 064 986
20	23	200 064 987
25	18	200 064 988
32	18	200 064 989
40	18	200 064 990
40	32	200 064 991
40	40	200 064 992
40	40	200 064 993
40	50	200 064 994
63	40	200 064 995
*63	50	200 064 997
**110	110	200 064 998

Electrofusion saddles



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Electrofusion saddle d63-400mm

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- Complete with lower part
- 4mm pin connectors
- Limited path fusion indicators
- In combination with parts of the modular system, the SDR compatibility is defined by the tapping-tees, tapping-valves and spigots with cutter.

Topload: delivery without lower part for assembling as Top Load with tool no. 799.350.477

	d (mm)	d1 (mm)	Code
	63	63	193 137 037
	75	63	193 137 047
	90	63	193 137 057
	110	63	193 137 067
	125	63	193 137 077
	140	63	193 137 087
	160	63	193 137 097
	180	63	193 137 107
	200	63	193 137 117
	225	63	193 137 127
	250	63	193 137 137
Topload	280	63	193 137 147
Topload	315 - 355	63	193 137 157
Topload	400	63	193 137 177

Tapping tee



- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- With integrated cutter to tap live mains under pressure
- Long fusion outlet
- O-ring-sealed screw cap
- For ELGEF Plus Branch Saddle d63-225mm, pipe SDR11
- For ELGEF Plus Branch Saddle d110-315mm, pipe SDR17

* For ELGEF Plus Branch Saddle d250-315mm, pipe SDR 11 and d250-400mm, pipe SDR 17

** For ELGEF Plus Branch Saddle d110-225mm, pipe SDR 11 and d110-315mm, pipe SDR 17

	d (mm)	d1 (mm)	Code
	63	20	193 280 358
	63	25	193 280 359
	63	32	193 280 184
	63	40	193 280 360
	63	63	193 280 185
*	63	63	193 280 711
**	63	63	193 280 290



Tapping saddle Monobloc version

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- With integrated cutter to tap live mains under pressure
- Complete with lower part
- 4mm pin connectors
- Fusion indicator
- Long fusion outlet
- O-ring-sealed screw cap

d (mm)	d1 (mm)	Code
32	20	193 281 459



Tapping saddle Monobloc version

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- With integrated cutter to tap live mains under pressure
- Complete with lower part
- 4mm pin connectors
- Limited path fusion indicators
- Long fusion outlet
- O-ring-sealed screw cap

d (mm)	d1 (mm)	Code
40	20	193 131 412
40	25	193 131 413
40	32	193 131 414
50	20	193 131 422
50	25	193 131 423
50	32	193 131 424
63	32	193 131 434



Tapping saddle Monobloc version

- **PE 100 SDR 11** (ISO S5)
- 10 bar Gas / 16 bar Water
- With integrated cutter to tap live mains under pressure
- Complete with moulded-on lower part
- 4mm pin connectors
- Limited path fusion indicators
- Long fusion outlet
- O-ring-sealed screw cap

d (mm)	d1 (mm)	Code
63	20	193 131 932
63	25	193 131 933
63	32	193 131 934
90	20	193 131 952
90	25	193 131 953
90	32	193 131 954
90	63	193 131 957
110	20	193 131 962
110	25	193 131 963
110	32	193 131 964
110	63	193 131 967
125	20	193 131 972
125	25	193 131 973
125	32	193 131 974
125	63	193 131 977
160	20	193 131 992
160	25	193 131 993
160	32	193 131 994
160	63	193 131 997



Tapping saddle With 360° rotatable outlet

- **PE 100 SDR 11** (ISO S5)
- 10 bar Gas / 16 bar Water
- With integrated cutter to tap live mains under pressure
- Complete with lower part
- 4mm pin connectors
- Limited path fusion indicators
- Long fusion outlet
- O-ring-sealed screw cap
- d355-400mm. Not suitable for pipes if wall thickness is larger than SDR17 pipes.

* Topload: delivery without lower part for assembling as Top Load with tool no.799.350.477; angle adaptor (799.350.340) for fusion cable required

d (mm)	d1 (mm)	Code
63	20	193 131 402
63	25	193 131 403
63	32	193 131 404
63	40	193 131 405
63	63	193 131 437
75	20	193 131 442
75	25	193 131 443
75	32	193 131 444
75	40	193 131 445
75	63	193 131 447
90	20	193 131 452
90	25	193 131 453
90	32	193 131 454
90	40	193 131 455
90	63	193 131 457
110	20	193 131 462
110	25	193 131 463
110	32	193 131 464
110	40	193 131 465
110	63	193 131 467
125	20	193 131 472
125	25	193 131 473
125	32	193 131 474
125	40	193 131 475
125	63	193 131 477
140	20	193 131 482
140	25	193 131 483
140	32	193 131 484
140	40	193 131 485
140	63	193 131 487

d (mm)	d1 (mm)	Code
160	20	193 131 492
160	25	193 131 493
160	32	193 131 494
160	40	193 131 495
160	63	193 131 497
180	20	193 131 502
180	25	193 131 503
180	32	193 131 504
180	40	193 131 505
180	63	193 131 507
200	20	193 131 512
200	25	193 131 513
200	32	193 131 514
200	40	193 131 515
200	63	193 131 517
225	20	193 131 522
225	25	193 131 523
225	32	193 131 524
225	40	193 131 525
225	63	193 131 527
250	20	193 131 532
250	25	193 131 533
250	32	193 131 534
250	63	193 131 537
250	40	193 131 535
* 280	63	193 131 547
* 315-355	63	193 131 557
* 400	63	193 131 577



Tapping saddle With 360° rotatable outlet

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- With integrated cutter to tap live mains under pressure
- Suitable to tap SDR11 pipes
- 4mm pin connectors
- Limited path fusion indicators
- Long fusion outlet
- O-ring-sealed screw cap

* Topload: delivery without lower part for assembling as Top Load with tool no.799.350.477; angle adaptor (799.350.340) for fusion cable required

	d (mm)	d1 (mm)	Code
*	315-355	63	193 131 867
*	400	63	193 131 877



Y-Tapping Saddle

- PE 100 SDR 11 (ISO S5)
- 10 bar Gas / 16 bar Water
- Quick & easy assembly with lever system
- Leakage free hot-tapping with integrated cutter and fix end stops
- Low installation height
- Excellent flow characteristics
- Tapping dome compatible to weld with ELGEF Plus cap for additional access safety: Cap 753961610 (for Do3=32mm) / Cap 753961611 (for Do3=63mm)
- Pressure test cap as accessory: 799199290
- 4 mm pin connectors, limited path fusion indicators
- O-ring-sealed screw plug
- Tapping with key SW17

	d (mm)	d1 (mm)	Code
	180	32	193 136 104
	180	63	193 136 107
	200	32	193 136 114
	200	63	193 136 117
	225	32	193 136 124
	225	63	193 136 127
	250	32	193 136 134
	250	63	193 136 137
	280	63	193 136 147
	315	63	193 136 157



Repair saddle

- **PE 100 SDR 11** (ISO S5)
 - 10 bar Gas / 16 bar Water
 - Complete with lower part
 - 4mm pin connectors
 - Limited path fusion indicators
 - Supplied as kit including Spigot Cap (753.961.011)
- * Topload: delivery without lower part for assembling as top adaptor (799.350.340) for fusion cable required

	d (mm)	d1 (mm)	Code
	63	63	193 130 037
	75	63	193 130 047
	90	63	193 130 057
	110	63	193 130 067
	125	63	193 130 077
	140	63	193 130 087
	160	63	193 130 097
	180	63	193 130 107
	200	63	193 130 117
	225	63	193 130 127
	250	63	193 130 137
*	280	63	193 130 147
*	315 - 355	63	193 130 157
*	400	63	193 130 177

ELGEF Plus tapping key for electrofusion saddle



- With adjustable tapping depth.

Type	Code	Description
WS - 10	799 198 080	for Monobloc d 40 and 50 mm
WS - 17	799 198 079	for Monobloc d 63 mm, d 90 - 160 mm and all Duobloc saddles
WS - 12.7	799 198 091	for socket with cutter

ELGEF Plus test cap for electrofusion saddle



- Connecting thread for pressure test is female thread G 3/8"
- **Overview of Tapping Adapter types and Pressure Test Cap**
- for Monobloc d63-160 mm and Branch saddle outlet d160/225 mm
- S 54 For all saddles with rotatable outlet (outlets d20-40mm)
i.e. Tapping Tee d20-40mm
- S 67 For all Saddles with rotatable outlet (outlets d 50 and 63 mm)
i.e. Tapping Tee d63mm
- Y for Y-Tapping Saddle d180 to d315

Type	Code	Description
M	799 199 282	for Monobloc d 40 and 50 mm
S 54	799 199 283	for Tapping tee d20-40mm
S 67	799 199 286	for Tapping tee d63mm
MB	799 199 287	for Monobloc d63-160mm and Branch saddle outlet d160/225mm
Y	799 199 290	for Y-Tapping Saddle d180 to d315

ELGEF Plus tapping key with integrated sealing cap



- The Adapter is used for gas-free tapping under pressure. Type S 54 for tapping saddles with rotatable outlet d 20 - 40 mm (Tapping Tee d32 mm). Type S 67 for tapping saddles with rotatable outlet d50 -63 mm (Tapping Tee d63 mm).

Type	Code	Description
S 54	799 100 061	for Tapping tee d32mm
S 67	799 100 062	for Tapping tee d63mm

ELGEF Plus assembly key for electrofusion saddle





- For tightening fixation screws

Type	Code	Description
SW8	799 150 378	For all saddles and branch fittings

Branch saddles



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Branch saddle Outlet 90-125mm

- 10 bar Gas / 16 bar Water
- Branch saddle complete, incl. lower part and 3 screws
- Additional fixing with snatch hinge
- Electrofusion outlet with integrated pipe fixation
- Protected wire without medium contact
- 4mm pin connectors
- Limited path fusion indicators
- FM 1613 approved - 15 bar
- * Delivered without lower part. Pipe fixation with multiple use assembly tool no. 193.281.027

	d (mm)	d1 (mm)	Code
	110	90	193 135 009
	110	110	193 135 010
	125	90	193 135 019
	125	110	193 135 020
*	140	90	193 135 029
*	140	110	193 135 030
	160	90	193 135 039
	160	110	193 135 040
	160	125	193 135 041
	180	90	193 135 049
	180	110	193 135 050
	180	125	193 135 051
	200	90	193 135 059
	200	110	193 135 060
	200	125	193 135 061
	225	90	193 135 069
	225	110	193 135 070
	225	125	193 135 071
	250	90	193 135 079
	250	110	193 135 080
	250	125	193 135 081

Branch saddles toplod
Outlet 90-125mm



- 10 bar Gas / 16 bar Water
- Branch saddle for assembling as Topload with tool 799.350.477; angle adaptors (799.350.340) for fusion cable required
- Electrofusion outlet with integrated pipe fixation
- Protected wire without medium contact
- 4mm pin connectors
- Limited path fusion indicators

FM 1613 approved - 15 bar

	d (mm)	d1 (mm)	Code
	280	90	193 135 289
	280	110	193 135 290
	280	125	193 135 291
315 - 355	90		193 135 309
315 - 355	110		193 135 310
315 - 355	125		193 135 311
400	90		193 135 329
400	110		193 135 330
400	125		193 135 331
450	90		193 135 339
450	110		193 135 340
450	125		193 135 341
500 - 630	90		193 135 159
500 - 630	110		193 135 160
500 - 630	125		193 135 161

Branch saddles toplod
Outlet 160-225mm



- 10 bar Gas / 16 bar Water
- Branch saddle installation only with installation set Topload TL225 (799.300.807)
- Angle adaptors (799 350 340) for fusion cable required
- 4mm pin connectors
- Limited path fusion indicators
- Spigot outlet for butt- and electrofusion
- Full pressure applicable - no derating factor
- With integrated pressure test port for test cap (799.199.287)

d (mm)	d1 (mm)	Code	d (mm)	d1 (mm)	Code
315	160	193 135 202	800	160	193 135 282
315	225	193 135 204	800	225	193 135 284
355	160	193 135 212	900	225	193 135 294
355	225	193 135 214	1000	225	193 135 304
400	160	193 135 222			
400	225	193 135 224			
450	160	193 135 232			
450	225	193 135 234			
500	160	193 135 242			
500	225	193 135 244			
560	160	193 135 252			
560	225	193 135 254			
630	160	193 135 262			
630	225	193 135 264			
710	160	193 135 272			
710	225	193 135 274			



**Branch saddles topload
Outlet 315mm**

- 10 bar Gas / 16 bar Water
- Branch Saddle installation only with installation set Topload TL500 (799.300.809)
- Angle adaptors (799 350 340) for fusion cable required
- 4mm pin connectors
- Spigot outlet for butt- and electrofusion
- Full pressure applicable - no derating factor
- With integrated thread for pressure test with separate pressure test cap 799.199.288 (outlet d315) / 799.199.289 (outlet d500)

d (mm)	d1 (mm)	Code
450	315	193 135 436
500	315	193 135 446
560	315	193 135 456
630	315	193 135 466
710	315	193 135 476
800	315	193 135 486
900	315	193 135 496
1000	315	193 135 506








**Branch saddle topload
Outlet 315-500mm**

- 5 bar Gas / 10 bar Water
- Angle adaptors (799 350 340) for fusion cable required
- Branch Saddle installation only with installation set Topload TL500 (799.300.809)
- 4mm pin connectors
- Spigot outlet for butt- and electrofusion
- Full pressure applicable - no derating factor
- With integrated thread for pressure test with separate pressure test cap 799.199.288 (outlet d315) / 799.199.289 (outlet d500)

d (mm)	d1 (mm)	Code
710	315	193 135 676
800	315	193 135 686
900	315	193 135 696
900	500	193 135 698
1000	315	193 135 706
1000	500	193 135 708
1200	315	193 135 716
1200	500	193 135 718
1400	315	193 135 726
1400	500	193 135 728
1600	315	193 135 736
1600	500	193 135 738
2000	315	193 135 746
2000	500	193 135 748

Spigot fittings for electrofusion and butt fusion



Spigot fittings for electrofusion and butt fusion		Page
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Elbow 90°

SDR11

- Long spigot version
- 10 bar Gas / 16 bar Water
- Larger dimensions available upon request

d (mm)	Code
20	341 001 636
25	753 101 007
32	341 001 528
40	341 001 637
50	341 001 529
63	341 001 530
75	753 101 012
90	341 001 531
110	341 001 532
125	341 001 533
140	753 101 016
160	341 001 535
180	753 101 018
200	341 001 536
225	753 101 020
250	341 001 538
280	753 100 922
315	341 001 540
355	341 004 367
400	341 001 844

SDR17/17.6

- Long spigot version
- 5 bar Gas / 10 bar Water
- Larger dimensions available upon request

d (mm)	Code
90	341 001 508
110	341 001 509
125	341 001 732
140	753 100 816
160	341 001 510
180	341 001 733
200	341 001 511
225	341 001 512
250	341 001 513
280	753 100 822
315	341 001 514
355	341 004 368
400	341 001 841





Elbow 45°

SDR11

- Long spigot version
- 10 bar Gas / 16 bar Water
- Larger dimensions available upon request

d (mm)	Code
20	753 151 006
25	753 151 007
32	753 151 008
40	753 151 009
50	753 151 010
63	753 151 011
75	753 151 012
90	341 001 638
110	341 001 639
125	753 151 015
140	753 151 016
160	341 001 640
180	753 151 018
200	341 001 641
225	753 151 020
250	341 001 642
280	753 150 922
315	341 001 643
355	341 001 886
400	341 004 366

SDR17/17.6

- Long spigot version
- 5 bar Gas / 10 bar Water
- Larger dimensions available upon request

d (mm)	Code
90	341 001 741
110	341 001 742
125	753 150 815
140	753 150 816
160	341 001 743
180	753 150 818
200	341 001 744
225	753 150 820
250	341 001 745
280	753 150 822
315	341 001 746
355	341 001 848
400	341 001 843



AUSGEF Sweep bend 90°

- PE 100 SDR 11 (ISO S5)
- 16 bar Water
- Made out of seamless pipe
- Radius 3 x d
- AS/NZS 4129 and 4130
- Available in 60°, 45°, 22°, 11° SDR11 and 17
- Larger dimensions available upon request

d (mm)	Code
63	200 062 765
75	200 062 769
90	200 062 773
110	200 062 781
125	200 062 785
140	200 062 789
160	200 062 794
180	200 062 799
200	200 062 803
225	200 062 808

d (mm)	Code
250	200 062 813
280	200 062 818
315	200 062 823
355	200 062 827
400	200 062 831
450	200 062 835
500	200 062 839
560	200 062 843
630	200 062 848

Tee 90° equal



- Long spigot version
- Larger dimensions available upon request

* Machined with welded pipes
* Segment welded and reinforced

SDR11

- 10 bar gas / 16 bar water

d (mm)	Code
20	341 001 654
25	753 201 007
32	341 001 437
40	341 001 438
50	341 001 439
63	341 001 440
75	753 201 012
90	341 001 441
110	341 001 442
125	341 001 443
140	753 201 016
160	341 001 445
180	753 201 018
200	341 001 446
225	753 201 020
250	341 001 448
280	753 200 902
315	341 001 450
355	341 001 950
400	341 001 840
450	753 200 026
500	753 200 027
*	560 753 200 908
*	630 753 200 909
*	710 753 201 120
*	800 753 201 121

SDR17/17.6

- 5 bar gas / 10 bar water

d (mm)	Code
90	341 001 411
110	341 001 412
125	341 001 776
140	753 200 816
160	341 001 413
180	341 001 777
200	341 001 414
225	341 001 415
250	341 001 416
280	753 200 802
315	341 001 417
355	341 001 418
400	341 001 419
450	753 200 126
500	753 200 127
*	560 753 200 808
*	630 753 200 809
*	710 753 201 920
*	800 753 201 921



Tee 90° reduced PE100 SDR11

- Moulded
- 10 bar Gas / 16 bar Water
- Long spigot version
- Larger dimensions available upon request

d (mm)	d1 (mm)	Code
63	32	753 201 022
63	40	341 001 480
63	50	341 001 481
75	32	753 201 023
75	50	753 201 024
75	63	753 201 025
90	40	341 001 482
90	50	341 001 483
90	63	341 001 484
90	75	753 201 055
110	40	341 001 485
110	50	341 001 486
110	63	341 001 487
110	75	753 201 031
110	90	341 001 488
125	40	341 001 655
125	50	341 001 656
125	63	341 001 657
125	75	341 001 658
125	90	341 001 659
125	110	341 001 660
160	63	341 001 489
160	75	341 004 389
160	90	341 001 490
160	110	341 001 491
180	90	753 201 049
180	110	753 201 050
180	125	753 201 094
180	160	753 201 038
225	75	753 201 039
225	90	753 201 040
225	110	753 201 041
225	160	753 201 042
225	180	753 201 043
200	63	341 001 493
200	90	341 001 494

d (mm)	d1 (mm)	Code
200	110	341 001 495
200	160	341 001 497
250	90	341 001 499
250	110	341 001 500
250	160	341 001 501
250	180	753 201 102
250	200	341 001 502
315	90	341 001 503
315	110	341 001 504
315	160	341 001 505
315	200	341 001 506
315	225	753 201 053
315	250	341 001 507
355	200	341 004 328
355	250	341 004 330
355	315	341 004 331
400	200	341 001 997
400	250	341 001 998
400	315	341 004 319
400	355	341 004 320



Tee 90° Reduced PE100 SDR17

- Moulded
- 5 bar Gas / 10 bar Water
- Long spigot version
- Larger dimensions available upon request

d (mm)	d1 (mm)	Code
90	40	341 004 373
90	50	341 004 374
90	63	341 001 453
90	75	341 001 780
110	40	341 004 375
110	50	341 004 376
110	63	341 001 456
110	75	341 001 781
110	90	341 001 457
125	40	341 004 377
125	50	341 004 378
125	63	341 001 782
125	75	341 001 783
125	90	341 001 784
125	110	341 001 785
160	63	341 001 458
160	75	341 001 786
160	90	341 001 459
160	110	341 001 460
160	125	341 001 787
160	140	341 004 402
180	63	341 001 788
180	75	341 001 789
180	90	341 001 790
180	110	341 001 791
180	125	341 001 792
180	160	341 001 793
200	63	341 001 461
200	75	341 001 794
200	90	341 001 462
200	110	341 001 463
200	125	341 001 795
200	160	341 001 464
200	180	341 001 796
225	63	341 001 465

d (mm)	d1 (mm)	Code
225	75	341 001 797
225	90	341 001 466
225	110	341 001 467
225	125	341 001 798
225	160	341 001 468
225	180	341 001 799
225	200	341 001 800
250	63	341 001 469
250	75	341 001 801
250	90	341 001 470
250	110	341 001 471
250	125	341 001 802
250	160	341 001 472
250	180	341 001 803
250	200	341 001 473
250	225	341 001 804
315	90	341 001 474
315	110	341 001 475
315	125	341 001 805
315	160	341 001 476
315	180	341 001 806
315	200	341 001 477
315	225	341 001 807
315	250	341 001 478
315	280	341 001 479
355	200	341 001 956
355	250	341 001 958
355	315	341 001 959
400	200	341 001 962
400	250	341 001 963
400	315	341 001 964
400	355	341 001 965



Reducer PE100 SDR11

- Long spigot version
- 10 bar Gas / 16 bar Water

d (mm)	d1 (mm)	Code
25	20	753 901 038
32	20	753 901 042
32	25	753 901 041
40	20	341 004 383
40	25	753 901 047
40	32	753 901 046
50	20	753 901 055
50	25	753 901 054
50	32	341 001 382
50	40	341 001 383
63	32	753 901 060
63	40	341 001 384
63	50	341 001 385
75	40	753 901 063
75	50	753 901 064
75	63	753 901 065
90	50	341 001 386
90	63	341 001 387
90	75	753 901 070
110	40	341 001 388
110	50	341 001 389
110	63	753 901 078
110	75	753 901 077
110	90	753 901 076
125	63	753 901 083
125	75	753 901 082
125	90	753 901 081
125	110	753 901 080

d (mm)	d1 (mm)	Code
140	75	753 901 086
140	90	753 901 087
140	110	753 901 084
140	125	753 901 085
160	90	341 001 392
160	110	341 001 393
160	125	341 001 394
160	140	753 901 032
180	90	753 901 073
180	110	341 001 648
180	125	753 901 091
180	140	753 901 075
180	160	753 901 033
200	110	341 001 397
200	125	341 001 650
200	140	753 901 066
200	160	341 001 398
200	180	341 001 651
225	140	753 901 067
225	160	753 901 096
225	180	753 901 095
225	200	753 901 094
250	110	341 001 402
250	160	341 001 403
250	180	341 001 404
250	200	341 001 405
250	225	753 901 002

d (mm)	d1 (mm)	Code
280	200	753 901 098
280	225	753 901 099
280	250	753 901 003
315	110	341 004 371
315	160	341 001 406
315	180	341 001 652
315	200	341 001 407
315	225	753 901 097
315	250	341 001 408
315	280	753 901 012
355	160	341 004 384
355	200	341 004 385
355	225	341 004 386
355	250	341 001 853
355	280	753 901 014
355	315	341 004 387
400	280	753 901 016
400	315	341 001 409
400	355	753 901 018
450	280	753 901 019
450	315	753 901 020
450	355	341 004 388
450	400	753 901 024
500	315	753 901 025
500	355	753 901 026
500	400	341 004 369
500	450	753 901 029
560	355	753 901 030
560	400	753 901 039
560	450	753 901 040
560	500	753 901 043
630	400	753 901 044
630	450	753 901 045
630	500	753 901 049
630	560	341 004 379



Reducer PE100 SDR17/17.6

- 5 bar Gas / 10 bar Water
- Long spigot version

d (mm)	d1 (mm)	Code	d (mm)	d1 (mm)	Code	d (mm)	d1 (mm)	Code
90	50	341 001 747	250	200	341 001 759	630	500	753 900 828
90	63	341 001 748	250	225	753 900 802	630	560	341 001 845
90	75	753 900 870	280	200	753 900 898	710	500	753 900 833
110	40	341 001 349	280	225	753 900 899	710	560	753 900 834
110	50	341 001 350	280	250	753 900 803	710	630	753 900 835
110	63	753 900 877	315	110	341 004 372	800	560	753 900 836
110	90	753 900 876	315	160	341 001 363	800	630	341 001 846
125	63	753 900 882	315	180	341 001 760	800	710	753 900 838
125	75	341 001 750	315	200	341 001 364	900	630	753 900 839
125	90	753 900 881	315	225	753 900 807	900	710	753 900 840
125	110	753 900 880	315	250	341 001 366	900	800	753 900 841
140	75	753 900 886	315	280	753 900 806	1000	710	753 900 842
140	90	753 900 887	355	160	341 004 401	1000	800	753 900 843
140	110	753 900 884	355	200	341 001 368	1000	900	753 900 844
140	125	753 900 885	355	225	341 001 369			
160	90	341 001 353	355	250	341 001 370			
160	110	341 001 354	355	280	341 001 761			
160	125	341 001 752	355	315	341 001 371			
160	140	753 900 831	400	250	341 001 372			
180	90	753 900 873	400	280	341 001 762			
180	110	341 001 753	400	315	341 001 373			
180	125	341 001 754	400	355	341 001 374			
180	140	753 900 875	450	280	341 001 763			
180	160	341 001 755	450	315	341 001 375			
200	110	341 001 355	450	355	341 001 376			
200	125	341 001 756	450	400	341 001 377			
200	140	753 900 866	500	315	341 001 378			
200	160	341 001 356	500	355	341 001 379			
200	180	753 900 893	500	400	341 004 370			
225	140	753 900 867	500	450	341 001 381			
225	160	341 001 496	560	355	753 900 822			
225	180	753 900 895	560	400	753 900 823			
225	200	753 900 894	560	450	753 900 824			
250	110	341 001 360	560	500	341 001 764			
250	160	341 001 361	630	400	753 900 826			
250	180	341 001 758	630	450	753 900 827			

Cap PE100



SDR11

- Long spigot version
- 10 bar Gas / 16 bar Water

Note:

* Fabricated fitting made from pipe

d (mm)	Code
20	341 001 331
25	753 961 007
32	341 001 332
40	341 001 333
50	341 001 334
63	341 001 335
75	753 961 012
90	341 001 336
110	341 001 337
125	341 001 338
140	753 961 016
160	341 001 339
180	341 001 340
200	341 001 341
225	341 001 342
250	341 001 343
280	753 960 922
315	341 001 344
355	341 001 345
400	341 001 945
*	450 753 960 926
*	500 753 960 927
*	560 753 960 928
*	630 753 960 929

SDR17/17.6

- 5 bar Gas / 10 bar Water
- Long spigot version

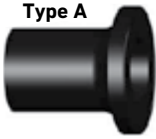
Note:

* Fabricated fitting made from pipe

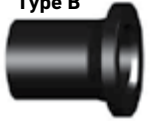
d (mm)	Code
50	753 960 810
63	753 960 811
75	753 960 812
90	341 001 322
110	341 001 323
125	341 001 774
140	753 960 816
160	341 001 324
180	341 001 775
200	341 001 325
225	341 001 326
250	341 001 327
280	753 960 822
315	341 001 328
355	341 001 329
400	341 001 330
*	450 753 960 826
*	500 753 960 827
*	560 753 960 828
*	630 753 960 829
*	710 753 960 830
*	800 753 960 831
*	900 753 960 832
*	1000 753 960 833

Flange adaptor

Jointing face combination serrated/flat metric



Type B



Model:

- Long spigot
- Material: PE100
- For IR, butt- and electro fusion
- Suitable for flange connections to metric (from d110 also to ANSI/ASME B16.5)
- Gasket d20-d630: Profile flange gasket NBR No. 45 44 07, EPDM No. 48 44 07
- Gasket d710-d1000: flat gasket EPDM No. 48 40 03
- Type A without chamfer, Type B with chamfer

SDR11

- Up to d315, suitable for butterfly valvetype 567/578. Above use ecoFIT adaptor for butterfly valves SDR11 (d355-d1200)
- 10 bar Gas / 16 bar Water

SDR17/17.6

- Up to d400, suitable for butterfly valvetype 567/578. Above use ecoFIT adaptor for butterfly valves SDR17.6 (d450-d1200)
- 5 bar Gas / 10 bar Water

* Installation support through moulded ribs

d (mm)	Code	Type
20	753 800 006	A
25	753 800 007	A
32	341 001 306	A
40	341 001 307	A
50	341 001 308	A
63	753 800 011	B
75	753 800 012	B
90	753 800 013	B
110	753 800 014	B
125	753 800 015	B
140	753 800 016	B
160	753 800 017	B
180	753 800 018	B
200	753 800 019	B
225	753 800 020	B
250	753 800 021	B
280	753 800 022	B
315	753 800 023	B
*355	341 001 320	A
*400	341 004 380	A
*450	753 800 226	B
*500	753 800 227	B
560	341 001 849	A
630	341 001 850	A
710	753 800 030	A
800	753 800 033	A

d (mm)	Code	Type
50	753 800 085	A
63	753 800 086	A
75	753 800 087	A
90	753 800 088	A
110	753 800 089	A
125	753 800 090	B
140	753 800 091	B
160	753 800 092	B
180	753 800 093	A
200	753 800 094	B
225	753 800 095	B
250	753 800 096	B
280	753 800 097	B
315	753 800 098	B
355	341 001 299	A
400	341 001 300	A
450	341 005 025	A
500	341 001 302	A
560	341 001 303	A
630	341 001 304	A
710	753 800 105	A
800	341 001 852	A
900	753 800 107	A
1000	753 800 108	A



AUSGEF Maxi Stub full face flange adaptor PE100 with AS4087 SS316 backing ring

Model:

- For IR, butt- and electro fusion
- Long spigot version
- 10 bar Gas / 16 bar Water

*Injection moulded

Maxi Stub with backing ring

	d (mm)	Code
*	90	200 065 132
*	110	200 065 133
*	125	200 064 808
*	160	200 065 134
*	180	200 065 135
*	200	200 065 136
	225	200 065 137
	250	200 065 138
	280	200 065 139
	315	200 065 140
	315	200 065 141
	355	200 065 142
	400	200 065 143
	450	200 065 144
	450	200 065 145
	500	200 065 146
	560	200 065 147
	630	200 065 148
	710	200 065 149

Maxi Stub without backing ring

	d (mm)	Code
*	90	200 065 100
*	110	200 065 101
*	125	200 064 779
*	160	200 065 102
*	180	200 065 103
*	200	200 065 104
	225	200 065 105
	250	200 065 106
	280	200 065 107
	315	200 065 108
	315	200 065 109
	355	200 065 110
	400	200 065 111
	450	200 065 112
	450	200 065 113
	500	200 065 114
	560	200 065 115
	630	200 065 116
	710	200 065 117



AUSGEF Stub flange PE100

Model:

- For IR and butt fusion
- Short spigot version
- Machined

SDR11

- 10 bar Gas / 16 bar Water

d (mm)	Code
63	200 063 059
75	200 063 060
90	200 063 061
110	200 063 063
125	200 063 065
140	200 063 066
160	200 063 067
180	200 063 068
200	200 063 069
225	200 063 070
250	200 063 071
280	200 063 072
315	200 063 073
355	200 063 074
400	200 063 075
450	200 063 076
500	200 063 077
560	200 063 078
630	200 063 079
710	200 063 080
800	200 063 081
900	200 063 082
1000	200 063 062
1200	200 063 064



SDR17 / 17.6

- 5 bar Gas / 10 bar Water

d (mm)	Code
63	200 063 105
75	200 063 106
90	200 063 107
110	200 063 109
125	200 063 111
140	200 063 112
160	200 063 113
180	200 063 114
200	200 063 115
225	200 063 116
250	200 063 117
280	200 063 118
315	200 063 119
355	200 063 120
400	200 063 121
450	200 063 122
500	200 063 123
560	200 063 124
630	200 063 125
710	200 063 126
800	200 063 127
900	200 063 128
1000	200 063 108
1200	200 063 110

Backing rings



Backing rings	Page
 AUSGEF Backing rings stainless steel	54
 AUSGEF Backing rings galvanised	55



AUSGEF Backing rings stainless steel (SS316)

- For use with PE Flange Adapters

Remark:

*Use AS4087 / Table D

d (mm)	ANSI 150 Code	AS4087 / T-D Code	Table E Code
20	200 059 905	200 059 877	*
25	200 059 906	200 059 878	*
32	200 059 907	200 059 879	*
40	200 059 908	200 059 880	*
50	200 059 909	200 059 881	*
63	200 059 910	200 059 882	*
75	200 059 911	200 059 883	*
90	200 059 912	200 059 884	*
110	200 059 913	200 064 101	200 059 885
125	200 059 914	200 064 102	200 059 886
140	200 059 915	200 064 103	200 059 888
160	200 059 916	200 064 104	200 059 889
180	200 059 917	200 064 105	200 059 890
200	200 059 918	200 064 106	200 059 891
225	200 059 919	200 064 107	200 059 892
250	200 059 920	200 064 108	200 059 893
280	200 059 921	200 064 109	200 059 894
315	200 059 922	200 064 110	200 059 895
355	200 059 923	200 064 111	200 059 896
400	200 059 924	200 064 112	200 059 897
450	200 064 776	200 064 113	200 059 898
500	200 059 926	200 064 114	200 059 899
560	200 064 777	200 064 115	200 059 900
630	200 059 927	200 064 116	200 059 901

AUSGEF Backing rings galvanised (carbon steel)



- For use with PE Flange Adapters



Remark:

*Use AS4087 / Table D

d (mm)	ANSI 150 Code	AS4087 / T-D Code	Table E Code
20	200 059 782	200 059 726	*
25	200 059 783	200 059 727	*
32	200 059 784	200 059 728	*
40	200 059 785	200 059 729	*
50	200 059 786	200 059 730	*
63	200 059 787	200 059 731	*
75	200 059 788	200 059 732	*
90	200 059 789	200 059 812	200 059 733
110	200 059 790	200 060 730	200 059 762
125	200 059 791	200 060 741	200 059 845
140	200 059 792	200 059 925	200 059 765
160	200 059 793	200 060 738	200 059 766
180	200 059 794	200 060 752	200 059 767
200	200 059 795	200 060 728	200 059 768
225	200 059 796	200 060 729	200 059 769
250	200 059 797	200 060 731	200 059 770
280	200 059 798	200 060 762	200 059 771
315	200 059 799	200 060 733	200 059 772
355	200 059 800	200 060 734	200 059 773
400	200 059 801	200 060 735	200 059 774
450	200 059 802	200 060 736	200 059 775
500	200 059 803	200 060 737	200 059 776
560	200 060 768	200 060 739	200 059 777
630	200 059 804	200 060 740	200 059 778

ELGEF Plus Ball valve



ELGEF Plus Ball valve	Page
	ELGEF Plus Ball valve d20-225
	ELGEF Plus Ball valve d110-630



Ball Valve d20-225

- 10 bar Gas / 16 bar Water
- d160 up to d225 are supplied with base plate and straps
- Regarding pressure rate and application local standards and regulations have to be considered
- * In accordance with ANSI B16.40

d (mm)	Code
20	193 103 206
25	193 103 207
32	193 103 208
40	193 103 209
50	193 103 210
63	193 103 211
75	193 103 212
90	193 103 213
110	193 103 214
125	193 103 040
160	193 103 042
180	193 103 043
200	193 103 044
*	193 103 045



Ball Valve Standard d110-630

Model:

- 10 bar Gas / 16 bar Water
- Complete with gearbox
- For extension spindles with polygon connection
- Valves supplied with single purge, double purge, bypass available upon request










d (mm)	Code
110	200 063 545
125	200 064 701
160	200 064 267
200	200 064 280
225	200 064 293
250	200 064 306
315	200 064 319
355	200 064 332
400	200 064 345
450	200 064 358
630	200 064 371

Machines, tools & accessories



Scan for the full catalogue



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MSA 160 Automatic Electrofusion Unit

The MSA 160 automatic electro fusion unit combines light weight and compact design, for in-stallers who need to weld fittings up to diameter 160mm, in building technology and gas/water distribution applications. The unit is extremely simple to use, with a few basic operations required to operators: connect, confirm, scan, and start the fusion.

It is robust, safe and ergonomic.

The entire welding process is controlled and regulated with energy output compensation depending on ambient temperature and the indication of cooling time.

The unit has 500 fusion protocols permanently stored in the internal memory. The user can copy the fusion reports on an USB stick to print them out in PDF format.

Scope of delivery includes: 1 pair of angle adapter clips 4.0 mm, operating instructions and robust transport case.

Technical Data:

- Operating temperature: -10°C to 45°C
- Fusion data input mode: bar code, manual
- Mains voltage: 230V (205V - 255V)
- Mains frequency: 40-70 Hz
- Welding technique: Voltage controlled
- Fusion voltage: 8-42 V
- Fusion current: 50 A (max)
- Internal memory capacity: 500 protocols
- Fittings range: d20-160 mm
- Protocols format: PDF, CSV
- USB Port: Type A
- Protection factor: Class 1 / IP 54
- Fusion cable: 3 m
- Mains cable: 4 m
- Weight: 13 kg
- Display: Graphical LCD, adjustable contrast
- Languages support: English, Italian, Chinese and French

	Type	Code	Weight (kg)
Manual mode version		790 160 065	12.000
Barcode (scanner) and manual mode version		790 160 066	15.000

MSA 2.0 Automatic Electrofusion Unit



The MSA 2.0 automatic electrofusion unit combines light weight and high efficiency, thanks to its inverter technology. The unit is extremely fast and simple, with three basic operations required to operators: connect, scan, start the fusion.

The MSA 2.0 has 350 protocols permanently stored in the internal memory.

It is robust, safe and ergonomic.

All is meant to simplify the job: the barcode scanner, for long distance reading, the cooling system to joint in series, the icon system, to keep the interaction between user and machine intuitive. The entire welding process is controlled and regulated with energy output compensation depending on ambient temperature and the indication of cooling time.

Scope of delivery includes: transport box, 1 pair of angle adapter clips 4.0 mm and operating instructions.

Technical Data:

- Operating temperature: -20°C to +50°C
- Mains voltage and frequency: 230V (190V - 265V), 50-60Hz
- Fusion current: 90 A (max)
- Suggested power generators: 3.5 kVA
- Fusion voltage: 8-42 V (48 V)
- Fusion data input mode: bar code, manual
- USB Port: Type A
- Protection factor: Class 1 / IP 65
- Mains cable: 4 m / Fusion cable: 3 m
- Dimensions: 280 x 420 x 280 mm
- Weight: ca. 11.9 kg
- Display: Graphical LCD, adjustable contrast
- Languages support: all

Type	Code	Weight (kg)
Barcode scanner, transport case	790 156 001	11.900

MSA 2.1 Automatic Electrofusion Unit with protocols retrieval



The MSA 2.1 automatic electrofusion unit combines light weight and high efficiency, thanks to its inverter technology and furthermore provides fusion documentation in PDF. The unit is extremely fast and simple, with three basic operations required to operators: connect, scan, start the fusion. It is robust, safe and ergonomic.

All is meant to simplify the job: the barcode scanner, for long distance reading, the cooling system to joint in series, the icon system, to keep the interaction between user and machine intuitive. The entire welding process is controlled and regulated with energy output compensation depending on ambient temperature and the indication of cooling time. The internal Bluetooth Low Energy device offers the possibility to monitor the fusion from remote and collect the data recorded via wireless with consumer smartphones, to send them to the headquarter even in real time.

The unit has 1000 protocols permanently stored in the internal memory. The user can copy the fusion reports on an USB stick to print them out in PDF format.

Scope of delivery includes: transport box, 1 pair of angle adapter clips 4.0 mm, 1 pair of angle adapter clips 4.7 mm, operating instructions and START/STOP badge. The mini Welding Book is available as option.

Technical Data:

- Operating temperature: -20°C to +50°C
- Mains voltage and frequency: 230V (190V - 265V), 50-60Hz
- Fusion voltage: 8-42 V (48 V)
- Fusion data input mode: bar code, manual
- Fusion current: 90 A (max)
- Suggested power generators: 3.5 kVA
- USB Port: Type A
- Protection factor: Class 1 / IP 65
- Mains cable: 4 m / Fusion cable: 4 m
- Weight: ca. 11.9 kg
- Display: Graphical LCD, adjustable contrast
- Languages support: all

	Type	Code	Weight (kg)
Barcode scanner, transport case, mini Welding Book		790 156 003	11.900
Barcode scanner, transport case, mini Welding Book, 8m fusion cable		790 156 010	12.900



MSA 340 Electrofusion Unit with traceability and GPS function

High performance electrofusion unit providing fusion documentation, including traceability data (ISO 12176-4) , operator ID, job code and automatic GPS coordinates in each fusion record. The internal memory has a capacity of 1000 jointing records. For data transfer the unit is equipped with a USB interface. The record formats are PDF and CSV, both manageable with common and free PC software applications. An intuitive operation menu guides you through the complete jointing process. For fusion data input a barcode scanner is connected. The entire welding process is controlled and regulated with energy output compensation depending on ambient temperature and indication of cooling time. Robust aluminum housing with convenient cable winding and handle for weight balanced transport. The unit is suitable for jointing in series.

Scope of delivery: transport case, angle adapters (4.0 mm and 4.7 mm), operation instructions and configuration chart.

Technical Data:

- Ambient temperature: -10°C to +45°C
- Mains voltage: 230 V (±15%) or 115 V (±15%)
- Mains frequency: 40 Hz - 70 Hz
- Fusion voltage: 8 - 48V AC
- Fusion current: 100 A (max)
- Suggested power generator: 3.5 kVA (5.0 kVA for fittings with d>200mm)
- Mains cable: 4 m / Fusion cable: 4 m
- Protection factor: Class 1 / IP 65
- Interface: USB (type A) for PC communication and software updates
- Weight: 19 kg
- Dimensions (WxHxD): 280 x 480 x 240 mm
- Display: LCD (20 alphanumerical char. x 4 lines), contrast adjustment
- Configurable languages: 11

	description	Voltage	Code	Weight (kg)
Barcode scanner, carton box		230 V	790 160 062	18.000
Barcode scanner, transport case		230 V	790 160 063	18.000

MSA 4.0 Electrofusion Unit with full traceability and GPS functions



High performance, light electrofusion unit based on inverter technology, providing a complete documentation of the welding including operator badge, job codes, full traceability data (ISO 12176) and GPS coordinates added automatically to each fusion record.

All is meant to simplify the job: the barcode scanner, for long distance reading, the cooling system to joint in series, the icon system, to keep the interaction between user and machine intuitive, the configurable workflow to fit all needs, from the simplest to the most plenty of details.

The entire welding process is controlled and regulated with energy output compensation depending on ambient temperature and the indication of cooling time.

For operator identity card, job identification and fusion data input a 1D (or 2D in case of Unitary QR code availability) barcode scanner is connected.

The internal Bluetooth Low Energy device offers the possibility to monitor the fusion from remote and collect the data recorded via wireless with consumer smartphones, to send them to the headquarter even in real time.

The internal memory has a capacity of 5000 jointing records, which can be retrieved using a USB memory stick. The fusion protocols are delivered as PDF and CSV files (both manageable with standard and free PC software applications). For a more sophisticated usage, a BIN file is also available, compatible with the MSA Welding Book to sort, filter out and combine protocols and photos captured from multiple MSA units.

Robust aluminum die casting enclosures and comfortable plastic handle ensure a weight balanced carrying.

Rental time period programmable by the machine owner, unit blocks on expiring date, reset by a dynamic code can be activated.

Scope of delivery: transport case, scanner, 2 pairs of angle adapters (clips 4,0 mm and 4,7 mm), operation instructions, START/STOP badge, configuration chart and mini Welding Book CD including Rental Guardian application.

Technical Data:

- Mains frequency: 40-70 Hz
- Fusion data input mode: bar code, manual
- Mains voltage: 230 V (190V - 265V)
- Suggested power generators: 3.5 kVA
- Welding technique: Voltage controlled
- Fusion voltage: 8-48 V
- Fusion current: 110 A (max)
- USB Port: Type A
- Operating temperature: -20°C to +50°C
- Bluetooth radio interface
- Internal memory capacity: 5000 protocols
- Protocols format: PDF, CSV and BIN (compatible with MSA Welding Book)
- Protection factor: Class 1 / IP 65
- Mains cable: 4 m
- Fusion cable: 4 m
- Dimensions: 280 x 420 x 280 mm
- Weight: ca. 12.8 kg
- Display: Graphical LCD, adjustable contrast
- Languages support: 27

Type	Description	Code	Weight (kg)
MSA 4.0	1D barcode scanner	790 156 011	19.500
MSA 4.0	2D barcode scanner (QR code reading)	790 156 012	19.500
MSA 4.0	1D barcode scanner, 8m welding cables	790 156 014	13.400

MSA Accessories



Adapters 4.0mm for MSA

- Adapters for Electrofusion units with 4 mm connectors.
- Compatible with MSA 210-230, MSA 330-340, MSA 250 – 400, MSA 250 – 400 PLUS

Type	Code	Weight (kg)	Description
4,0 mm	799 350 340	0.058	Angle adapter, black
4,7 mm	799 350 341	0.057	Angle adapter, grey
4,7 mm	799 350 462	0.014	Adapter, white



Adapters 4.7mm for MSA

- Adapters for Electrofusion units with 4 mm connectors.
- Compatible with MSA 210-230, MSA 330-340, MSA 250 – 400, MSA 250 – 400 PLUS

Type	Code	Weight (kg)	Description
4,7 mm	799 350 341	0.057	Angle adapter, grey

Peeling tools



Pipe end peeler RSE

- **Rotary peeler for reliable pipe preparation prior to electrofusion**
- Consisting of 1 tool including corresponding pipe insert
- Applicable on pipe ends and spigot ends of fittings
- Applicable for straight and coiled pipes
- Applicable for metric pipes according to EN12201 and EN1555
- Applicable on pipe material: PE100RC, PE100, PE-Xa, PP
- Operation: manual or with cordless screwdriver
- Maximum peeling length = 85mm
- Peeling blade as reversing knife with 2 cutting edges
- Delivery in transport box

d (mm)	Code	Weight (kg)	SDR
20	799 300 376	0.60	11
25	799 300 377	0.65	11
32	799 300 378	0.65	11
40	799 300 379	0.70	11
50	799 300 380	0.80	11
63	799 300 381	1.00	11
75	799 300 382	1.15	11



Rotary peeler RS

Note:

- Universal peeling for the preparation of all electrofusion joints
- For pipe ends and saddles
- Materials: PE80, PE100, PE100-RC, PE-X, PP

d (mm)	Article	Code	Weight (kg)
40	RS 40	790 136 001	2.340
50	RS 50	790 136 002	2.115
63	RS 63	790 136 003	2.090
75	RS 75	790 136 004	2.350
90	RS 90	790 136 005	2.460
110	RS 110	790 136 006	2.430
125	RS 125	790 136 007	3.895
140	RS 140	790 136 008	3.890
160	RS 160	790 136 009	3.790
180	RS 180	790 136 010	4.150
200	RS 200	790 136 011	3.995
225	RS 225	790 136 012	3.935
250	RS 250	790 136 013	5.575
280	RS 280	790 136 014	5.440
315	RS 315	790 136 015	5.380



Replacement blade to roraty peeler RS

d-d (mm)	Description	Code	SP	Weight (kg)
40 - 315	Hard metal	790 136 100	1	0.013



Rotary peeling tool RST 1000

- The flexible peeling tool RST 1000 is suitable for preparing welding zones of saddle and coupler jointings for electrofusion fittings
- To ensure the constant removal of the oxidation layer for PE80 and PE100, a long lasting peeling blade made of carbide is used
- Easy-to-hinge chain links enable the staged operation of pipes d250 to d1000 mm
- Compensation for ovality and variable pipe diameters with loaded spring component in the chain
- Scope of delivery includes: various chain links, spare blade, transport box
- Size transport box = 58 x 48 x 15cm

d-d (mm)	Code	Weight (kg)
250 - 1000	799 300 799	10.552



Replacement blade for rotary peeling tool RST 1000

d-d (mm)	Code	SP	Weight (kg)	Description
250 - 1000	799 300 802	1	0.020	Replacement blade in carbide



Pipe end peeler RSE multi

- **Rotary peeler for reliable pipe preparation prior to electrofusion**
- The adjustable basic tool is suitable for holding dimensional pipe inserts from d20 to d75mm
- Applicable on pipe ends and spigot ends of fittings
- Applicable for straight and coiled pipes
- Applicable for metric pipes according to EN12201 and EN1555
- Applicable on pipe material: PE100RC, PE100, PE-Xa, PP
- Operation: manual or with cordless screwdriver
- Maximum peeling length = 75mm
- Peeling blade as reversing knife with 2 cutting edges
- Scope of delivery either without or with the pipe inserts specified in the description
- Supplementary pipe inserts to be ordered separately

d (mm)	Description	Code	Weight (kg)	SDR
	Basic tool + box	799 300 350	0.58	
	Basic tool + case	799 300 351	1.45	
	Basic tool+case+d32+d63	799 300 352	1.88	11
	Basic tool+case+d32+d40+d50+d63	799 300 353	2.18	11
20	Insert RSE	799 300 354	0.30	7
20	Insert RSE	799 300 356	0.05	11
25	Insert RSE	799 300 355	0.10	9
25	Insert RSE	799 300 357	0.10	11
32	Insert RSE	799 300 358	0.10	11
40	Insert RSE	799 300 359	0.10	11
50	Insert RSE	799 300 360	0.20	11
50	Insert RSE	799 300 370	0.20	17
63	Insert RSE	799 300 361	0.33	11
63	Insert RSE	799 300 371	0.33	17
75	Insert RSE	799 300 362	0.47	11
75	Insert RSE	799 300 372	0.47	17
	Blade RSE	799 300 347	0.01	
	Handle RSE	790 308 450	0.08	



Pipe end peeler RSE multi

- **Rotary peeler for reliable pipe preparation prior to electrofusion**
- Consisting of 1 tool to cover pipe range
- Applicable on pipe ends and spigot ends of fittings
- Applicable for metric pipes according to EN12201 and EN1555
- Applicable for inch pipes of the corresponding sizes (d90-180mm corr. to 3"-6")
- Applicable on pipe material: PE100RC, PE100, PE-Xa, PP
- Operation: manual
- Hard metal peeling blade (Code-no. 790136100, identical to RS peeler)
- Delivery in solid transport case

d (mm)	d1 (mm)	Code
90	180	799 300 364
160	400	799 300 365



Peeling tool PT 2

- Scope of delivery: 1 tool (size 1, 2 or 3) in a metal carrying case.
- The rotating Peeling Tools PT 2 are suitable for preparing pipe ends (when installing electrofusion couplers and fittings). The tool ensures a constant peeling quality on the complete peeling surface and is suitable for PE80, PE100 and PEX pipes.

d-d (mm)	Code	Weight (kg)	Description
63 - 250	799 300 752	7.500	Size 1, peeling length 140 mm
110 - 400	799 300 755	9.900	Size 2, peeling length 150 mm
110 - 500	799 300 756	3.900	Size 3, peeling length 175 mm



PT 2

Replacement blade for peeling tool PT 2

d-d (mm)	Code	Weight (kg)	Description
63 - 500	799 150 355	0.008	Replacement blade, 1 piece



Peeling tool RTC-710

- **Rotary peeler for reliable pipe preparation prior to electrofusion**
- Applicable on pipe ends and spigot ends of fittings
- **Scope of delivery 315:** 1 Scraper arm, 1 Self-centering chuck base, 1 Aluminium transport case
- **Scope of delivery 710:** 1 Scraper arm, 1 Self-centering chuck base, 2 Aluminium transport cases

d-d (mm)	Code	Weight (kg)	Description
75 - 315	799 150 423	9.616	max. working-range 185 mm
355 - 710	799 300 757	31.400	max. working-range 530 mm



Replacement blade for peeling tool RTC-710

d-d (mm)	Piece	Code	Weight (kg)	Description
75 - 710	1	799 300 586	0.020	Replacement blade, 1 piece



Clamping tool

Double, multi size with universal link

- Recommended for the installation of fittings ELGEF Plus and ecoFIT d40 - 200 and d160 -630mm
- Recommended for the installation of fittings COOL-FIT d32/D75 - d140/D200 and d160/D250 -d450/D630
- The clamping allows installation without tension and avoids movement during fusion and cooling time
- The centrally located adjustable universal link allows installation of electrofusion couplers, elbows and reducers
- Works above, below and alongside the joint
- Adaptor for use with Tee-pieces available (see accessories)

d (mm)	d1 (mm)	Code	Weight (kg)	Description
40	200	799 301 490	4.200	Scope of delivery: 2 x V-block, 2 x Straight bar, 1 x Universal link, Transport bag (600x380x250)
160	630	799 301 496	14.100	Scope of delivery: 2 x V-block, 2 x Straight bar, 1 x Universal link, Transport bag (780x780x580)



Multi clamp

- This tool is quick and easy to use and is suitable for straight forward connections to straight lengths of pipe or saddle branch outlets with electrofusion couplers.
- Scope of delivery: 1 tool without accessories.

d-d (mm)	Code	Weight (kg)	Length (mm)	Width (mm)	Height (mm)
20 - 63	799 301 575	0.800	220	80	140



Inserts for multi clamp

- The inserts are easily and quickly exchanged. A set consists of 4 inserts, each insert with 2 different dimensions

d-d (mm)	Code	Weight (kg)	Description	Length (mm)
25 - 20	799 150 385	0.500	Inserts, Sets	200
32 - 20	799 150 386	0.500	Inserts, Sets	200
32 - 25	799 150 387	0.500	Inserts, Sets	220
40 - 32	799 150 388	0.500	Inserts, Sets	200
50 - 40	799 150 389	0.500	Inserts, Sets	200
63 - 32	799 150 390	0.500	Inserts, Sets	220
63 - 40	799 150 391	0.500	Inserts, Sets	200
63 - 50	799 150 392	0.500	Inserts, Sets	200



Double clamp

- The user-friendly Double Clamps are suitable for coupler connections. They are quickly and easily put into position and prevent pullout and pipe movements during the fusion time and cooling time.
- Scope of delivery: 1 tool consisting of 1 beam (compact), 2 V-clamps complete with ratchet and belt.



d-d (mm)	Code	Weight (kg)
63 - 125	799 301 484	3.506
110 - 225	799 301 486	7.918
225 - 500	799 301 488	14.735

Quadruple clamp



- The professional Quadruple Clamps are suitable for coupler connections. They are quickly and easily put into position and ensure a stress-free fusion. They prevent pullout and pipe movements during the fusion and cooling times.
- Recommended for difficult site conditions with large installation-induced stresses.
- Scope of delivery: 1 tool consisting of 1 beam (long), 4 V-clamps complete with ratchet and belt.



d-d (mm)	Code	Weight (kg)
63 - 125	799 301 459	7.142
110 - 225	799 301 461	16.490
225 - 500	799 301 463	28.500



Swivel clamp

- The Swivel Clamp centralises pipes with dimensions from d63 to 180 mm automatically. Suit-able for coupler connections as well as reductions and bends. The 15° adjustment makes an exact positioning from 15° to 90° possible.



d-d (mm)	Code	Weight (kg)
63 - 180	799 350 358	13.000



ELGEF Plus Clamping device topload 400

- This clamp and mounting tool is used for top-load Saddles on pipes.
- Proper use: ELGEF Plus electrofusion saddles dimension d280-400mm with outlet d63mm
- Scope of delivery: 1 base mounting clamp, 1 bracket, 2 clamping screws, 2 ratchet straps, 1 transport box

d-d (mm)	Code	Weight (kg)
280 - 400	799 350 475	20.000



ELGEF Plus Clamping device topload 630

- This clamp and mounting tool is used for top-load Saddles on pipes.
- Proper use: ELGEF Plus electrofusion saddles dimension d280-400mm with outlet d63mm ELGEF Plus Branch fitting for dimension d280-630mm with outlet d90/110/125mm
- Scope of delivery: 1 base mounting clamp, 1 clamping attachment, 1 bracket, 2 clamping screws, 2 ratchet straps, 1 transport box

d-d (mm)	Code	Weight (kg)
280 - 630	799 350 477	28.400



ELGEF Plus Installation set topload TL 225

- Suitable for branch saddle d315-1000mm with spigot outlet d160/d225mm
- Use of set is mandatory for the installation of branch saddles
- Set includes frame with tension belts, peeling tool, clamp and transport box
- Patent pending

Code	Weight
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(kg)

799 300 807	48.000
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ELGEF Plus Installation set topload TL 500

- Suitable for ELGEF Plus branch saddle d450-2000mm with spigot outlet d315 and d500mm
- Use of set is mandatory for the installation of branch saddles
- Set includes frame with tension belts, peeling tool, clamp for outlet d315mm/500mm and transport box
- Patent pending

Code	Weight
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(kg)

799 300 809	124.000
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PPC Plastic pipe cutter

For cutting plastic pipes d10-d160mm

d-d (mm)	Article	Code	SP	Weight (kg)	Closest inch (inch)
10 - 63	PPC 63, s max. = 7.2mm	790 109 001	1	0.865	¼ - 2
50 - 110	PPC 110, s max. = 12.7mm	790 109 002	1	1.624	1 ½ - 4
110 - 160	PPC 160, s max. = 19.0mm	790 109 003	1	2.212	4 - 6



Rotary pipe cutter d63-200mm

- Tool for simple right angle precision cutting of plastic pipe with a wall thickness up to 12 mm PVDF/PVC and up to 20 mm PP/PE --> blade for PP/PE must be ordered separately (Code 790109861)
- Including transport box

d-d (mm)	Code	Weight (kg)
63 - 200	790 109 850	7.000



Rotary pipe cutter d90-315mm

- Tool for simple right angle precision cutting of plastic pipe with a wall thickness up to 15 mm PVDF/PVC and up to 30 mm PP/PE --> blade for PP/PE must be ordered separately (Code 790109861)
- Including transport box

d-d (mm)	Code	Weight (kg)
90 - 315	790 109 851	5.000



Deburring tool

- Replacable blade

Code	SP	Weight (kg)
790 205 082	1	0.058



Plastic pipe cutter PEcut 1200

- **Plastic pipe cutter for precise and safe cutting of plastic pipes**
- Battery powered, oil-free chain saw with unique clamping and guiding mechanism
- Large application range from d250 - 1200mm, 10" - 46"
- Large application range COOL-FIT 160/250mm (d/D) - 450/630mm (d/D)
- Applicable for pipe wall thickness from 10 - 180mm
- Recommended for solid wall PE pipes and pre-insulated COOL-FIT pipes
- Recommended on pipe material: PE 100, PE 100-RC, PP
- Minimum axial space requirement = 37 cm
- Minimum radial space requirement = 35 cm
- **Scope of delivery:**
- Please observe the description to select the country-specific variant
- Battery powered cordless chain saw
- Support wagon
- 3 x Roller wagon, 2 x Tensioning belt with roll-on system, 2 x Quick link
- 2 x Battery pack CAS 5.5Ah, 1 x Charger LG 12/18 V
- Delivery in solid transport case (L x B x H = 665 x 562 x 250 mm)

d (mm)	d1 (mm)	Code	Description
250	1200	799 198 150	PEcut 1200-230V, Charger LG12/18V



Tangit KS-Cleaning tissues

- Special cleaning agent for plastic fusion connections with PP, PE, PVDF and PB.
- **Suitable for Tangit Rapid. MUST NOT be used for solvent cementing**
- For plastic welding joints PB, PE, PP, PVDF
- DW 5290 BR 0464
- DVGW approved

Contents	Code	Weight (kg)
1 dispenser with 100 tissues	799 298 024	0.333



Degreasing tissues

- For degreasing the PE pipe surface prior to fusion

description	Type	Code	SP	Weight (kg)
For pipes up to d225 mm	large	799 496 011	100	0.008



Marker

Type	Code	Weight (kg)
silver	799 350 364	0.010



Measuring tape (circumference and diameter)

- Circumference: 2 m / 79 inch
- Diameter: 630 mm / 25 inch

Code	SP	Weight (kg)
790 205 087	1	0.045

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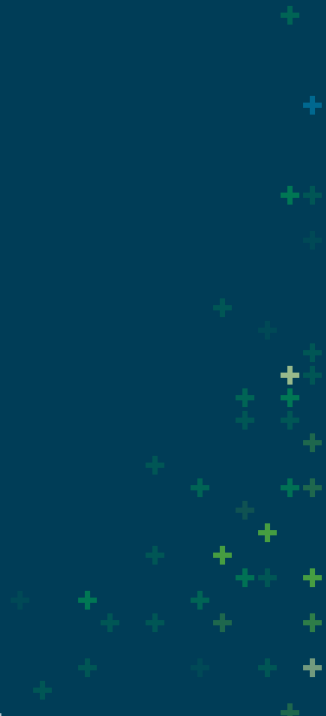
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Utility Planning Fundamentals



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