



Hydro Plast Piping Systems S.L.





ABOUT US

HYDRO≈PLAST Philosophy:

A few basic values underline our corporate philosophy. These values ensure that you, our customers, receive final products of the highest standard. Our consistency, reliability and relationships of trust that we develop with our customers and partners makes our company stand apart.

We are a group of dynamic, hard working people with great skills and product know how. Our efforts for continuous enhancement of production capacity and product development, lays the solid foundation for the present and future.

In our manufacturing processes, adaptation of vertically integrated structures and stringent quality control measures turns our products into standard setters.

HYDRO≈PLAST focus:

Our focus on the following four principles has resulted in highly competitive and reliable products.

Research: To stand out in today's markets, companies need to rapidly respond to customers changing requests. Hydroplast is committed to continuous research and innovation supported by an expert R&D team that systematically analyzes our markets to offer products that provide real solutions to specific needs.

Technology: The entire production process, from product conception to delivery to the customer, is developed using the most advanced technologies to guarantee the highest quality and to minimize errors.

Quality: Our manufacturing processes are supported by a total quality system. Our products are subjected to demanding controls, including 100% verification of all types of fittings.

Service: Customer service is a primary focus of our human resources team. Our customers have direct access to an experienced technical and sales team to address any questions they may encounter regarding our products and their applications.

The Future

Looking back to how far we have come and our many achievements, we cannot help but feel satisfied, we view every day as the first day of a new challenge.

The Catalogue 2012 - 13

In this edition of 2012 catalogue – English version for export market, we have presented most comprehensive technical information database. As always, we thank you for your business and continued interest in our company. We look forward to serving you.



BUTT FUSION



HYDROWELD



Classification

HYDROWELD fittings can be classified as inline-injection molded fittings which are welded face to face with the pipe of the same thickness and same material by means of heat fusion machine. These are also termed as butt fusion fittings.

Advantages

- Resistant to abrasion and corrosion
- Resistant to chemical attack
- Light weight
- Impact resistant
- Chemically inert
- Flexible and rugged
- Good insulator
- Zero leak rate
- Weather resistant
- Small to large diameters

Applications

Minning: Conveyance of water, chemical solutions and slurries in mines and chemical plants.

Plumbing: House connections.

Municipal water supply: Water treatment plants and mains-to-meter lines.

Landfill: Conveyance of gaseous fuels.

Agriculture / Horticulture: Main pressure irrigation systems and golf course irrigations systems.

Materials

Butt welding of different P.E pipe materials i.e. PE-80 to PE-100 is not recommended.

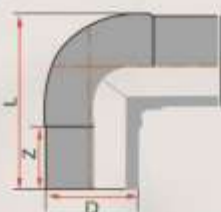
HYDROWELD fittings are produced using PE-100 raw material specially formulated for production of injection molded fittings. PE 100 is a higher performance, higher density P.E material which demonstrates exceptional resistance to rapid crack propagation and long term stress cracking. Due to higher performance PE-100 allows for thinner walls at the same operating pressure.

Reference Standards

HYDROWELD fittings are manufactured in compliance with requirements of following standards as per PN 16 pressure rating. PN 10 and PN 12.5 can also be produced against specific orders.

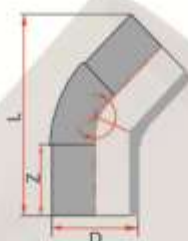
WATER STANDARD	
EN 12201-1	Plastic piping systems for water supply-Part 1: General
EN 12201-3	Plastic piping systems for water supply-Part 3: fittings
GAS STANDARD	
EN 1555-1	Plastic piping systems for supply of gaseous fuels- polyethylene. Part 1: General
EN 1555-3	Plastic piping systems for supply of gaseous fuels – polyethylene. Part 3: fittings

ELBOW 90



CODE	D	L	Z
PEEL050	50	110	55
PEEL063	63	136	63
PEEL075	75	155	70
PEEL090	90	190	79
PEEL110	110	205	82
PEEL125	125	230	87
PEEL140	140	240	90
PEEL160	160	265	87
PEEL180	180	295	95
PEEL200	200	315	95
PEEL225	225	365	110
PEEL250	250	345	110
PEEL280	280	430	110
PEEL315	315	420	110
PEEL355	355	455	110
PEEL400	400	520	110
PEEL450	450	560	120
PEEL500	500	665	140
PEEL630	630	770	140

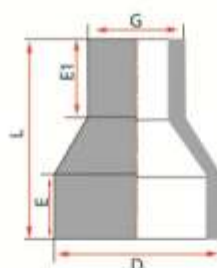
ELBOW 45



CODE	D	L	Z
PEEH063	63	160	78
PEEH075	75	180	70
PEEH090	90	225	79
PEEH110	110	240	82
PEEH125	125	240	87
PEEH160	160	290	87
PEEH200	200	340	95
PEEH215	215	370	110
PEEH250	250	400	110
PEEH280	280	460	110
PEEH315	315	500	110
PEEH355	355	535	110
PEEH400	400	563	110
PEEH450	450	632	120
PEEH500	500	690	130
PEEH630	630	805	140

NOTES: Physical dimensions and tolerances meet the requirements of EN 12201, ISO 4427 & DIN 8074. For installation instructions & chemical resistance information, refer to engineering section. Dimensions are subject to change without notice. All dimension are in millimeters.

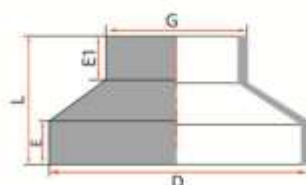
REDUCER SPIGOT



CODE	DxG	L	E	E1
PER063050	63x50	150	65	55
PER075050	75x50	145	70	55
PER075063	75x63	150	70	60
PER090050	90x50	160	80	55
PER090063	90x63	170	80	63
PER090075	90x75	170	80	70
PER110050	110x50	165	82	55
PER110063	110x63	185	82	63
PER110075	110x75	185	82	70
PER110090	110x90	185	82	79
PER125063	125x63	190	87	63
PER125090	125x90	192	87	79
PER125110	125x110	195	87	82
PER140090	140x90	225	92	80
PER140110	140x110	225	92	80
PER160063	160x63	200	98	63
PER160075	160x75	210	98	70
PER160090	160x90	214	98	79
PER160110	160x110	214	98	82
PER160125	160x125	214	98	87
PER180090	180x90	225	105	75
PER180110	180x110	225	105	80
PER180160	180x160	225	105	85
PER200063	200x63	200	108	63
PER200090	200x90	225	110	79
PER200110	200x110	225	110	82
PER200160	200x160	223	110	85
PER225090	225x90	230	110	75
PER2250110	225x110	250	105	82
PER2250160	225x160	250	105	90
PER2250180	225x180	250	105	90
PER2250200	225x200	250	105	90

REDUCER SPIGOT

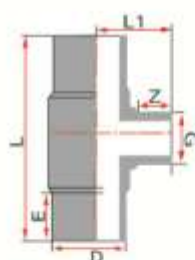
*SHORT



CODE	DxG	L	E	E1
PER2500090	250x90	225	105	62
PER2500110	250x110	225	105	82
PER2500125	250x125	225	105	82
PER2500160	250x160	230	110	90
PER2500200	250x200	250	110	90
PER2500225	250x225	250	110	90
PER2800160	280x160	250	110	90
PER2800200	280x200	250	105	90
PER2800225	280x225	250	105	95
PER2800250	280x250	250	110	90
PER3150090	315x90	230	110	79
PER3150110	315x110	240	110	82
PER3150160	315x160	255	115	100
PER3150200	315x200	255	115	100
PER3150225	315x225	255	115	110
PER3150250	315x250	255	115	105
PER3550200*	355x200	270	100	100
PER3550250*	355x250	270	100	100
PER3550315*	355x315	240	100	100
PER4000200*	400x200	250	100	100
PER4000250*	400x250	250	100	100
PER4000315*	400x315	250	100	100
PER4000355*	400x355	250	100	100
PER4000200*	400x200	260	100	100
PER4500250*	450x250	260	100	100
PER4500315*	450x315	250	100	100
PER4500355*	450x355	250	100	100
PER4500400*	450x400	240	100	100
PER5000400*	500x400	250	100	100
PER5000450*	500x450	250	100	100
PER5600500*	560x500	260	100	100
PER6300500*	630x500	260	100	100

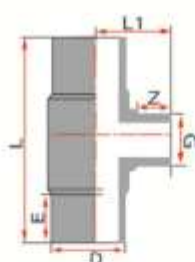


REDUCING TEE



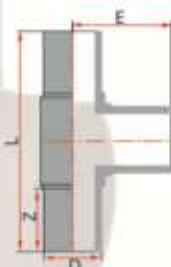
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PERT63050	63x50x63	200	63	55	90
PERT75050	75x50x75	230	70	55	115
PERT75063	75x63x75	230	70	65	120
PERT90050	90x50x90	235	79	55	110
PERT90063	90x63x90	245	79	63	120
PERT90075	90x75x90	250	79	70	130
PERT110050	110x50x110	240	82	55	130
PERT110063	110x63x110	255	82	63	135
PERT110075	110x75x110	265	82	70	140
PERT110090	110x90x110	265	82	70	140
PERT125063	125x63x125	315	89	70	135
PERT125075	125x75x125	320	87	70	150
PERT125090	125x90x125	320	87	70	150
PERT1250110	125x110x125	320	87	82	160
PERT140090	140x90x140	300	92	79	160
PERT1400110	140x110x140	320	92	82	165
PERT1400125	140x125x140	335	92	87	170
PERT160063	160x63x160	280	98	63	160
PERT160075	160x75x160	287	98	70	175
PERT160090	160x90x160	300	98	79	175
PERT1600110	160x110x160	315	98	82	175
PERT180090	180x90x180	350	105	80	180
PERT1800110	180x110x180	370	105	82	180
PERT1800125	180x125x180	385	105	87	185
PERT1800160	180x160x180	420	105	98	200
PERT200075	200x75x200	325	112	70	165
PERT200090	200x90x200	340	112	79	175
PERT2000110	200x110x200	360	112	82	180
PERT2000125	200x125x200	345	112	87	185
PERT2000160	200x160x200	380	75	95	200
PERT225090	225x90x225	360	120	79	210
PERT2250110	225x110x225	380	120	82	210
PERT2250160	225x160x225	410	82	85	210
PERT2250180	225x180x225	430	82	85	210
PERT250090	250x90x225	395	100	85	210
PERT2500110	250x110x250	395	100	85	210
PERT2500160	250x160x250	395	73	92	217
PERT2500200	250x200x250	395	85	98	217

REDUCING TEE



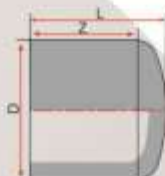
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PERT280090	280x90x280	400	139	79	250
PERT2800110	280x110x280	420	139	82	255
PERT2800160	280x160x280	470	139	98	260
PERT2800200	280x200x280	510	139	112	270
PERT2800225	280x225x280	535	139	120	280
PERT2800250	280x250x280	560	139	130	290
PERT315090	315x90x315	420	150	79	260
PERT3150110	315x110x315	440	150	82	260
PERT3150160	315x160x315	453	110	90	260
PERT3150200	315x200x315	465	110	80	260
PERT3150225	315x225x315	615	135	110	290
PERT3150250	315x250x315	465	85	80	250
PERT3150280	315x280x315	615	135	110	290
PERT3550110	355X110X355	410	110	97	302
PERT3550160	355X160X355	410	110	97	302
PERT3550200	355X200X355	410	110	97	302
PERT3550250	355x250x355	620	120	120	290
PERT3550315	355x315x355	620	120	120	290
PERT4000200	400x200x400	670	130	150	380
PERT4000315	400x315x400	670	130	150	380
PERT4000355	400x355x400	670	130	150	380
PERT4500110	450x110x450	375	120	120	375
PERT4500160	450x160x450	460	120	120	375
PERT4500200	450x200x450	495	120	120	375
PERT4500250	450x250x450	545	130	120	375
PERT4500315	450x315x450	600	140	120	380
PERT4500450	450x400x450	665	150	120	395
PERT5000110	500x110x500	395	135	130	400
PERT5000160	500x160x500	495	135	150	405
PERT5000200	500x200x500	495	135	130	405
PERT5000250	500x250x500	545	135	130	410
PERT5000315	500x315x500	635	145	130	420
PERT5000400	500x400x500	700	160	130	430
PERT6300250	630x250x630	550	145	140	475
PERT6300315	630x315x630	665	145	140	475
PERT6300400	630x400x630	720	150	140	495
PERT6300500	630x500x630	805	165	140	515

EQUAL TEE



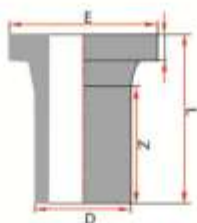
CODE	D	L	E	Z
PET063	63	205	105	65
PET075	75	230	120	65
PET090	90	265	130	80
PET110	110	300	150	82
PET125	125	320	160	85
PET140	140	350	170	85
PET160	160	325	170	90
PET180	180	440	200	90
PET200	200	380	200	95
PET225	225	430	210	95
PET250	250	520	260	110
PET280	280	590	300	110
PET315	315	615	310	120
PET355	355	630	350	120
PET400	400	670	360	120
PET450	450	745	395	150
PET500	500	795	445	170
PET630	630	970	500	170

END CAP



CODE	D	L	Z
PEEC063	63	75	63
PEEC075	75	82	70
PEEC090	90	90	79
PEEC110	110	98	82
PEEC125	125	112	87
PEEC160	160	113	98
PEEC200	200	130	112
PEEC225	225	150	120
PEEC250	250	175	129
PEEC280	280	175	135
PEEC315	315	180	150
PEEC355	355	215	155
PEEC400	400	220	160
PEEC500	500	240	190
PEEC630	630	240	190

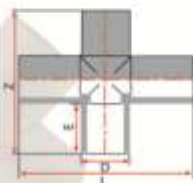
FLANGE ADAPTOR



CODE	D	L	E	Z
PEF020	20	83	45	65
PEF025	25	83	58	60
PEF032	32	83	68	60
PEF040	40	85	78	65
PEF050	50	85	88	65
PEF063	63	85	102	65
PEF075	75	90	120	70
PEF090	90	100	138	80
PEF110	110	105	158	82
PEF125	125	115	158	85
PEF140	140	130	185	100
PEF160	160	130	212	105
PEF180	180	130	212	115
PEF200	200	155	268	115
PEF225	225	140	268	100
PEF250	250	160	320	120
PEF280	280	140	320	100
PEF315	315	170	368	120
PEF355	355	180	430	125
PEF400	400	180	480	135
PEF450	450	180	530	130
PEF500	500	215	580	160
PEF560	560	215	685	160
PEF630	630	220	685	160
PEF630	630	220	720	150
PEF710	710	185	800	110
PEF800	800	185	905	110
PEF900	900	185	1005	110
PEF1000	1000	185	1100	110



CROSS



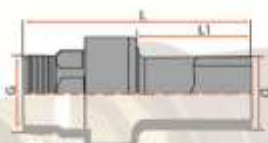
CODE	D	L	E	Z
PECR063	63	230	80	205
PECR090	90	295	80	235
PECR110	110	365	125	300
PECR160	160	430	130	350
PECR200	200	420	130	360
PECR250	250	500	130	500
PECR315	315	615	130	614
PECR355	355	660	130	660

TRANSITION PIPE



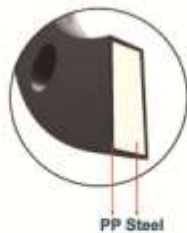
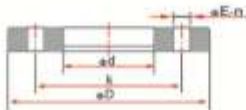
CODE	DxG	L	L1	L2
PPDF32001	32x1"	440	100	320
PPDF63002	63x2"	483	106	340
PPDF75002	75x2"	502	120	350
PPDF90003	90x3"	535	136	365
PPDF11004	110x4"	600	156	393
PPDF12504	125x4"	604	170	393
PPDF12506	125x6"	666	170	424
PPDF16006	160x6"	668	192	424
PPDF20008	200x8"	680	200	425
PPDF28010	280x10"	685	215	425
PPDF31512	315x12"	690	220	425

TRANSITION THREADED



CODE	DxG	L	L1
PBDF20012	20x1/2"	84	41
PBDF20034	20x3/4"	85	41
PBDF25034	25x3/4"	90	41
PBDF32001	32x1"	103	44
PBDF40114	40x1-1/4"	122	49
PBDF50112	50x1-1/2"	122	55
PBDF63002	63x2"	140	63
PBDF75212	75x2-1/2"	146	70
PBDF90003	90x3"	168	79
PBDF11004	110x4"	179	82
PBDF12504	125x4"	186	87

PP COATED FLANGE



CODE	d	D	k	E - n
PE16SF040	40	130	100	18 4
PE16SF050	50	140	110	18 4
PE16SF063	63	155	125	18 4
PE16SF075	75	177	145	18 4
PE16SF090	90	190	160	18 8
PE16SF110	110	212	180	18 8
PE16SF125	125	212	180	18 8
PE16SF140	140	240	210	18 8
PE16SF160	160	277	240	22 8
PE16SF180	180	277	240	22 8
PE16SF200	200	330	295	22 8
PE16SF225	225	330	295	22 8
PE16SF250	250	400	355	26 12
PE16SF280	280	400	355	26 12
PE16SF315	315	450	410	26 12
PE16SF355	355	510	470	26 16
PE16SF400	400	570	525	30 16
PE16SF450	450	630	585	30 20
PE16SF500	500	705	650	33 20
PE16SF560	560	830	770	36 20
PE16SF630	630	830	770	36 20

- Coated operation with fiberglass-reinforced polypropylene with injection protects the steel core from corrosion.
- Coating of steel with fiberglass-reinforced polypropylene enables a very high bending resistance.
- These flanges have a wide range of application areas such as;
Usage with flange adaptors, Pipe connection purposes, Usage with fire hydrants in all areas of the Chemical industry, In machine productions, In all applications of the mechanical engineering.
- At application places where high safety factor is needed under continuous load.
- Places where zero deformation is required at a controlled torque.
- Usage at high temperature service points till 80 °C without problem .
- Successful applications at salty and acidic environments.
- Lower priced compared to stainless steel.

Notes

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● Sales Terms

The specifications contained in this document are applicable to any order. Any modifications will require the written acceptance of HYDROPLAST piping systems S.L. The specifications and rates may be revised at any time with respect to all or any of the orders in progress at the date of revision.

Orders: Orders must be placed in writing and indicate the references and specifications contained in the official catalogue of HYDROPLAST piping systems S.L. maintaining the amounts shown therein.

Delivery: The date of dispatch of the orders from our warehouses will be the date of delivery. Orders may be partly filled without this implying their cancellation.

Prices: The prices shown on the price list of HYDROPLAST piping systems S.L. include packaging; any other expenses, such as taxes or local assessments, will be for the account of the purchaser. Invoices will be issued upon delivery at the prices applicable on the date of despatch.

Transport: The transport of goods is the entire responsibility of the purchaser, even in those cases in which it is carried out on a carriage paid basis. Other expenses not specified in our price list (packing for transport by sea or air, etc) shall be for the account of the purchaser.

Warranty: HYDROPLAST piping systems S.L. products are warranted for **one year** from the date of despatch of the goods against any problem deriving from a defect of manufacture.

The warranty of our materials is limited to the replacement of the product, model or component recognized as defective. The expenses of return and reshipment shall be for the account of the purchaser.

Payment: All payments shall be made in cash except in those cases in which a written agreement exists. Modifications in the term of payment or in the form or date thereof, must have our written authorization. Any expense, tax or local levy applicable after the order has been placed shall be for the account of the purchaser.

The purchaser shall reimburse to the seller by way of damages any bank and judicial charges incurred as a result of the return of dishonoured drafts.

Claims and returns: No returns or claims shall be admitted after 10 days from the receipt of your order. If your claim is accepted by HYDROPLAST piping systems S.L. you should send us the defective material properly packed, the expenses of shipment being for your account.

If a return is not approved by HYDROPLAST piping systems S.L. any risk or expenses shall be for the account of the purchaser, a 10% handling cost will be applicable.

Cancellation: HYDROPLAST piping systems S.L. reserves the right to cancel or terminate any sales operation in the event that any of the conditions set out herein is not fulfilled, as well as in the event of non-payment, in whole or in part, of any order or any delay in payment of any previous order, or if it is necessary to bring executive proceedings against the purchaser or if the purchaser is declared in suspension of payment or bankruptcy.

Reservation of title: The materials supplied shall remain the property of HYDROPLAST piping systems S.L. until they have been paid for.

HYDROPLAST piping systems S.L. reserves the right to remove the goods, in whole or in part, from the premises of the purchaser if the purchaser fails to make any payment.

Competent jurisdiction: For the settlement of any disputes that may arise in connection with the application of these conditions, both HYDROPLAST piping systems S.L. and the purchaser agree to submit to the Courts and Tribunals of Spain, waiving their right to any other jurisdiction to which may be entitled.

The contents of this document and the specifications of our products may be modified, in whole or in part by HYDROPLAST piping systems S.L. without prior notice.

www.hydroplast.es

Whilst every effort is taken to ensure the accuracy of the information contained within this catalogue, HYDROPLAST piping systems S.L. accepts no liability for any errors or omissions.

Due to our continuous product improvement policy we reserve the right to modify product specifications in line with market requirements.

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HYDRO≈PLAST piping systems S.L.

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