



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.



PP COMPRESSION



HYDROGRIP



Classification

HYDROGRIP can be classified as fittings which grip the pipe externally on its outer surface against the longitudinal forces which develops as a result of internal pressure. These are generally used as joints for PE pipes dedicated to water distribution systems.

Application

HYDROGRIP compression fittings and clamp saddles are designed specifically for connecting polyethylene pipes with outside diameter from 20mm to 110mm (315mm for clamp saddles). HYDROGRIP rated at PN 16 for fittings and PN 10 for clamp saddles, they are fully compatible with all P.E (HDPE & LDPE) pipes complying to EN 12201, ISO 4427 & DIN 8074.

Fitting Components

Every HYDROGRIP fittings consists of 5 parts.

- 1) Body: It serves as clamp and stand for rest of the components. It holds the O-ring and compression ring. Over its outer trapezoid thread, tightens the outer nut and supports against the pull out forces.
- 2) O-Ring: This element ensures the leak tightness of the kit by acting as a seal between the body and pipe.
- 3) Compression ring: It ensures the o-ring placement against pipe which needs to be secured against outward pressure transmitted from the threaded nut to the body.
- 4) Grip / clinching ring: Its a conical ring with grip teeth inside to clamp the pipe and avoid the pull out of the fitting because of the pipeline pressure.
- 5) Nut: Its the element which closes the kit of all the components. It adjusts the O-ring through the compression ring and retains the grip / clinching ring.



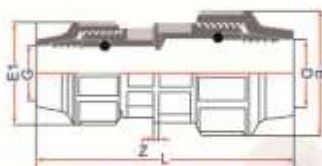
Materials

Body	Poly-propylene, high stability co-polymer (PP-B)
O-Ring	Nitrile rubber (NBR)
Compression	Poly-propylene, high stability co-polymer (PP-B)
Grip / clinching ring	Poly Acetal (POM)
Nut	Poly-propylene, high stability co-polymer (PP-B)

Reference standards

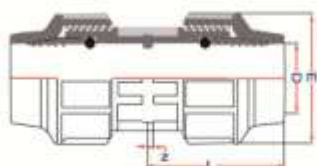
Fitting and Saddles	UNI 9561, UNI 9562, DIN 8076-3, ISO 14236, ISO 13460.
Threads	ISO7/1, DIN 2999, BS 21.
Flanges	UNI 2278, DIN 8063.

REDUCER COUPLING



CODE	DxG	E	L	Z	E1
CFRC25020	25x20	55	130	3	46
CFRC32020	32x20	63	132	3	46
CFRC32025	32x25	63	138	4	55
CFRC40025	40x25	80	160	4	55
CFRC40032	40x32	80	165	5	63
CFRC50025	50x25	96	173	4	55
CFRC50032	50x32	96	182	5	63
CFRC50040	50x40	96	200	5	80
CFRC63032	63x32	115	202	4	63
CFRC63040	63x40	115	214	5	80
CFRC63050	63x50	115	240	8	96
CFRC75050	75x50	129	268	8	96
CFRC75063	75x63	129	293	8	115
CFRC90063	90x63	155	304	8	115
CFRC90075	90x75	155	328	10	129
CFRC11090	110x90	184	380	10	155
CFRC11075	110x75	184	373	10	129

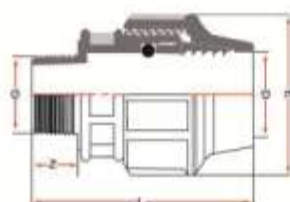
STRAIGHT COUPLING



CODE	D	E	L	Z
CFSC0020	20	46	55	3
CFSC0025	25	55	62	4
CFSC0032	32	63	68	4
CFSC0040	40	80	82	5
CFSC0050	50	96	102	8
CFSC0063	63	115	123	8
CFSC0075	75	129	145	10
CFSC0090	90	155	160	10
CFSC0110	110	184	205	12



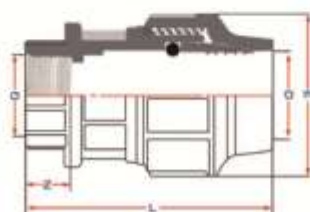
MALE ADAPTOR



CODE	DxG	E	L	Z
CFMA20012	20x1/2"	46	83	16
CFMA20034	20x3/4"	46	85	18
CFMA20001	20x1"	46	87	20
CFMA25012	25x1/2"	55	91	16
CFMA25034	25x3/4"	55	93	18
CFMA25001	25x1"	55	95	20
CFMA32034	32x3/4"	63	98	18
CFMA32001	32x1"	63	100	20
CFMA32114	32x1-1/4"	63	105	25
CFMA40001	40x1"	80	103	20
CFMA40114	40x1-1/4"	80	108	25
CFMA40112	40x1-1/2"	80	110	27
CFMA50114	50x1-1/4"	96	130	25
CFMA50112	50x1-1/2"	96	132	27
CFMA50002	50x2"	96	135	30
CFMA63114	63x1-1/4"	115	145	25
CFMA63112	63x1-1/2"	115	150	27
CFMA63002	63x2"	115	153	30
CFMA63212	63x2-1/2"	115	156	33
CFMA75112	75x1-1/2"	129	178	27
CFMA75002	75x2"	129	180	30
CFMA75212	75x2-1/2"	129	183	33
CFMA75003	75x3"	129	185	35
CFMA90002	90x2"	155	198	30
CFMA90212	90x2-1/2"	155	200	33
CFMA90003	90x3"	155	201	35
CFMA90004	90x4"	155	206	40
CFMA110212	110x2-1/2"	184	243	33
CFMA110003	110x3"	184	245	35
CFMA110004	110x4"	184	250	40



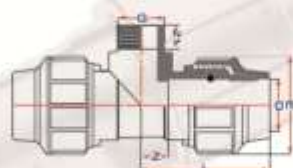
FEMALE ADAPTOR



CODE	DxG	E	L	Z
CFFE20012	20x1/2"	46	73	16
CFFE20034	20x3/4"	46	75	18
CFFE20012	20x1"	46	77	20
CFFE25012	25x1/2"	55	84	16
CFFE25034	25x3/4"	55	86	18
CFFE25012	25x1"	55	88	20
CFFE32034	32x3/4"	63	92	18
CFFE32001	32x1"	63	94	20
CFFE32114	32x1-1/4"	63	99	25
CFFE40001	40x1"	80	108	20
CFFE40114	40x1-1/4"	80	113	25
CFFE40112	40x1-1/2"	80	115	27
CFFE50114	50x1-1/4"	96	131	25
CFFE50112	50x1-1/2"	96	133	27
CFFE50002	50x2"	96	135	30
CFFE63114	63x1-1/4"	115	149	25
CFFE63112	63x1-1/2"	115	151	27
CFFE63002	63x2"	115	154	30
CFFE63212	63x2-1/2"	115	157	33
CFFE75112	75x1-1/2"	129	180	27
CFFE75002	75x2"	129	183	30
CFFE75212	75x2-1/2"	129	186	33
CFFE75003	75x3"	129	188	35
CFFE90002	90x2"	155	196	30
CFFE90212	90x2-1/2"	155	199	33
CFFE90003	90x3"	155	201	35
CFFE90004	90x4"	155	206	40
CFFE110212	110x2-1/2"	184	246	33
CFFE110003	110x3"	184	248	35
CFFE110004	110x4"	184	253	40

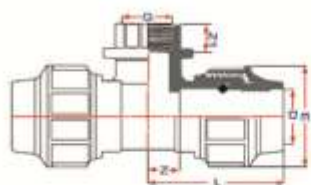


MALE TEE



CODE	DxG	E	L	Z	Z1
CFMT20012	20x1/2"	46	70	12	16
CFMT20034	20x3/4"	46	70	12	18
CFMT25012	25x1/2"	55	82	20	16
CFMT25034	25x3/4"	55	82	20	18
CFMT25001	25x1"	55	82	20	20
CFMT32012	32x1/2"	63	95	23	16
CFMT32034	32x3/4"	63	95	23	18
CFMT32001	32x1"	63	95	23	20
CFMT40114	40x1-1/4"	80	109	25	25
CFMT40112	40x1-1/2"	80	109	25	27
CFMT50112	50x1-1/2"	96	134	27	27
CFMT63002	63x2"	115	167	34	30
CFMT75212	75x2-1/2"	129	198	46	33
CFMT90003	90x3"	155	220	48	35
CFMT110004	110x4"	184	278	65	35

FEMALE TEE



CODE	DxG	E	L	Z	Z1
CFFT20012	20x1/2"	46	70	13	16
CFFT25012	25x1/2"	55	82	16	16
CFFT25034	25x3/4"	55	82	16	18
CFFT32012	32x1/2"	63	95	22	16
CFFT32034	32x3/4"	63	95	22	18
CFFT32001	32x1"	63	95	22	20
CFFT40114	40x1-1/4"	80	109	27	25
CFFT40112	40x1-1/2"	80	109	27	27
CFFT50112	50x1-1/2"	96	134	28	27
CFFT50002	50x2"	96	134	28	30
CFFT63002	63x2"	115	167	37	30
CFFT63212	63x2-1/2"	115	167	37	33
CFFT75212	75x2-1/2"	129	198	47	33
CFFT90003	90x3"	155	220	55	35
CFFT11004	110x4"	184	278	66	40



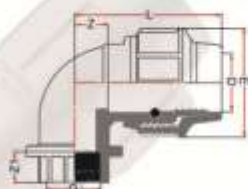
REDUCING TEE

CODE	DxGxD	E	L	Z	L1
CFRT20025	20x25x20	46	70	13	61
CFRT25025	25x20x25	55	82	16	71
CFRT32020	32x20x32	63	95	22	75
CFRT32025	32x25x32	63	95	22	79
CFRT40025	40x25x40	80	109	27	83
CFRT40032	40x32x40	80	109	27	90
CFRT50025	50x25x50	96	134	28	88
CFRT50032	50x32x50	96	134	28	98
CFRT50040	50x40x50	96	134	28	132
CFRT63032	63x32x63	115	167	37	118
CFRT63040	63x40x63	115	167	37	138
CFRT63050	63x50x63	115	167	37	158
CFRT75050	75x50x75	129	198	47	156
CFRT75063	75x63x75	129	198	47	164
CFRT90063	90x63x90	155	220	55	172
CFRT90075	90x75x90	155	220	55	196
CFRT110090	110x90x110	184	278	66	220

EQUAL TEE

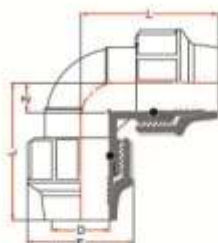
CODE	D	E	L	Z
CFET00020	20	46	70	12
CFET00025	25	55	82	20
CFET00032	32	63	95	23
CFET00040	40	80	109	25
CFET00050	50	96	134	27
CFET00063	63	115	167	34
CFET00075	75	129	198	46
CFET00090	90	155	220	48
CFET00110	110	184	278	65

ELBOW 90 FEMALE



CODE	DxG	E	L	Z	Z1
CFFE20012	20X1/2"	46	70	13	16
CFFE20034	20X3/4"	46	70	13	18
CFFE25012	25X1/2"	55	82	16	16
CFFE25034	25X3/4"	55	82	16	18
CFFE25001	25X1"	55	82	16	20
CFFE32012	32X1/2"	63	95	22	16
CFFE32034	32X3/4"	63	95	22	18
CFFE32001	32X1"	63	95	22	20
CFFE40001	40X1"	80	109	27	20
CFFE40114	40X1-1/4"	80	109	27	25
CFFE50114	50X1-1/4"	96	134	28	25
CFFE50112	50X1-1/2"	96	134	28	27
CFFE63112	63X1-1/2"	115	167	37	30
CFFE63002	63X2"	115	167	37	33
CFFE75212	75X2-1/2"	129	198	47	35
CFFE90003	90X3"	155	220	55	40
CFFE110004	110X4"	184	278	66	40

ELBOW 90



CODE	D	E	L	Z
CFELP020	20	46	45	12
CFELP025	25	55	55	20
CFELP032	32	63	60	23
CFELP040	40	80	70	25
CFELP050	50	96	84	27
CFELP063	63	115	102	34
CFELP075	75	129	121	46
CFELP090	90	155	135	48
CFELP110	110	184	190	65

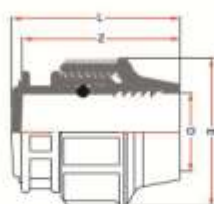


ELBOW 90 MALE



CODE	DxG	E	L	Z	Z1
CFME20012	20X1/2"	46	70	12	16
CFME20034	20X3/4"	46	70	12	18
CFME25012	25X1/2"	55	82	20	16
CFME25034	25X3/4"	55	82	20	18
CFME25001	25X1"	55	82	20	20
CFME32012	32X1/2"	63	95	23	16
CFME32034	32X3/4"	63	95	23	18
CFME32001	32X1"	63	95	23	20
CFME40001	40X1"	80	109	25	20
CFME40114	40X1-1/4"	80	109	25	25
CFME50114	50X1-1/4"	96	134	27	25
CFME50112	50X1-1/2"	96	134	27	27
CFME63112	63X1-1/2"	115	167	34	27
CFME63002	63X2"	115	167	34	30
CFME75212	75X2-1/2"	129	198	46	33
CFME90003	90X3"	155	220	48	35
CFME110004	110X4"	184	278	65	35

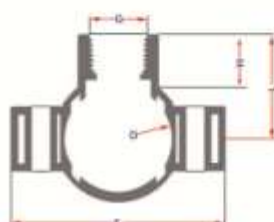
END CAP



CODE	D	E	L	Z
CFEC00020	20	46	56	50
CFEC00025	25	55	66	60
CFEC00032	32	63	87	80
CFEC00040	40	80	103	83
CFEC00050	50	96	105	98
CFEC00063	63	115	124	115
CFEC00075	75	129	153	145
CFEC00090	90	155	166	155
CFEC00110	110	184	210	200



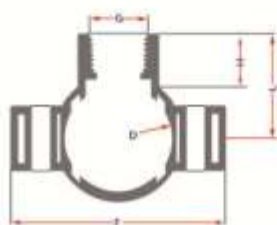
SADDLE CLAMP



- Material : PP
- Standard : DIN
- Execution : INJECTION
- Color : BLACK
- Outlet Thread : BSP

CODE	DxG	E	L	Z
CFCS25012	25X1/2"	76	38	20
CFCS25034	25X3/4"	76	38	21
CFCS32012	32X1/2"	81	41	17
CFCS32034	32X3/4"	81	41	21
CFCS32001	32X1"	81	44	23
CFCS40012	40X1/2"	81	41	17
CFCS40032	40X3/2"	81	46	18
CFCS40001	40X1"	81	46	23
CFCS50012	50X1/2"	98	50	17
CFCS50034	50X3/4"	98	50	18
CFCS50001	50X1"	98	52	20
CFCS50114	50X1-1/4"	98	57	25
CFCS63012	63X1/2"	105	55	16
CFCS63034	63X3/4"	105	55	18
CFCS63001	63X1"	105	59	20
CFCS63114	63X1-1/4"	105	63	25
CFCS63112	63X1-1/2"	105	63	28
CFCS75012	75X1/2"	120	62	17
CFCS75034	75X3/4"	120	62	18
CFCS75001	75X1"	120	65	21
CFCS75114	75X1-1/4"	120	68	24
CFCS75112	75X1-1/2"	120	68	23
CFCS75002	75X2"	120	72	27
CFCS90012	90X1/2"	135	70	17
CFCS90034	90X3/4"	135	70	19
CFCS90001	90X1"	135	72	21
CFCS90114	90X1-1/4"	135	76	24
CFCS90112	90X1-1/2"	135	76	24
CFCS90002	90X2"	135	80	27
CFCS110012	110X1/2"	168	80	17
CFCS110034	110X3/4"	168	80	19
CFCS110001	110X1"	168	84	20

SADDLE CLAMP



- Material : PP
- Standard : DIN
- Execution : INJECTION
- Color : BLACK
- Outlet Thread : BSP

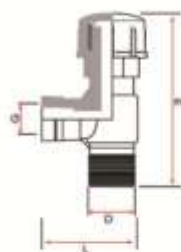
CODE	DxG	E	L	Z
CFCS110114	110X1-1/4"	168	86	23
CFCS110112	110X1-1/2"	168	86	23
CFCS110002	110X2"	168	90	27
CFCS125034	125X3/4"	190	108	26
CFCS125001	125X1"	190	109	26
CFCS125112	125X1 1/2"	190	113	28
CFCS125002	125X2"	190	113	30
CFCS160034	160x3/4"	215	108	19
CFCS160001	160x1"	215	110	21
CFCS160114	160x1 1/4"	215	113	24
CFCS160112	160x1 1/2"	215	115	26
CFCS160002	160x2"	215	117	30
CFCS160212	160x2 1/2"	215	125	32
CFCS160003	160x3"	215	134	35
CFCS200034	200X3/4"	262	128	23
CFCS200001	200x1"	262	130	23
CFCS200114	200X1 1/4"	262	133	23
CFCS200112	200x1 1/2"	262	133	23
CFCS200002	200x2"	262	135	30
CFCS200212	200X2 1/2"	262	150	32
CFCS200003	200x3"	262	152	35
CFCS200004	200x4"	262	155	42
CFCS250114	250x1-1/4"	330	171	23
CFCS250112	250x1-1/2"	330	174	26
CFCS250002	250x2"	330	178	30
CFCS250003	250x3"	330	184	36
CFCS250004	250x4"	400	190	42
CFCS315114	315x1-1/4"	400	215	25
CFCS315112	315x1-1/2"	400	216	26
CFCS315002	315x2"	400	220	30
CFCS315003	315x3"	400	226	36
CFCS315004	315x4"	400	232	42

FLANGE ADAPTOR



CODE	DxG	E	L	F	Z
CFFR40112	40x1-1/2"	80	140	152	110
CFFR50112	50x1-1/2"	96	165	152	110
CFFR50002	50x2"	96	165	164	125
CFFR63002	63x2"	115	194	164	125
CFFR63212	63x2-1/2"	115	194	184	145
CFFR75212	75x2-1/2"	129	209	184	145
CFFR75003	75x3"	129	209	200	160
CFFR90003	90x3"	155	229	200	160
CFFR90004	90x4"	155	229	220	180
CFFR110004	110x4"	184	256	220	180

FERRULE



CODE	DxG	E	L
CFTF10312	1"x1/2"	142	77
CFTF10334	1"x3/4"	142	77
CFTF10310	1"x1"	142	77
CFTF11412	1-1/4"x1/2"	142	78
CFTF11434	1-1/4"x3/4"	142	78
CFTF11410	1-1/4"x1"	142	78



CHAMFERING TOOL



CODE

Ø

CFCT016075

16 - 75

CFCT032160

32 - 160



CHAIN WRENCH



CODE

Ø

CFCW032110

32 - 110



POLYPROPYLENE FITTING WRENCH



CODE

Ø

CFPW016001

16 - 63



ACETALIC RESIN FITTING WRENCH



CODE

Ø

CFAW016002

16 - 63

CFAW063002

63 - 110



PIPE CUTTER



CODE

Ø

CFPC016040

16 - 40

CFPC016063

16 - 63



Notes

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Notes

[illegible]

● 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.

Images within this brochure are provided for illustration purposes only. Reproduction of any of the images is not permitted without the written consent of the HYDROPLAST piping systems S.L. marketing department.

HYDRO≈PLAST piping systems S.L.

Rambla de Catalunya, n. 38-8 ª planta, 08007 Barcelona SPAIN
Tell. +34 93 547 82 19, Fax. +34 93 272 61 42