

Plain, threaded and plain / threaded pressure fittings.

Family 1-2

**From Ø 16 to 400 mm.
and from 16-3/8" to 110-4".**

By means of the family 1 and 2, **HIDROTEN** offers a wide range of measures and models of pressure fittings for water conduction, which allows developing ideal systems considering the needs with maximum guarantee and services.



NETWELL SYSTEM
Hidroten

Sistemas y Tecnología del agua / Water System Technology / Système et Technologie de l'eau



- NETVITC SYSTEM® PVC Pres. fittings
- PVC. Pres. glued fittings
- PVC. Pres. glued-thread fittings
- NETVITC® Flange-Coupling
- Flanges and Adaptors
- Clamp saddles
- GFRP. Hinged sleeves
- P.P. Threaded fittings
- P.P. Fittings
- P.P. Compression Fittings
- Brass pressure fittings
- Electrofusion/Welding fittings
- Butterfly valves
- Butterfly val. NETVITC SYSTEM®
- Ball valves
- Compact valves
- SYSTEM® Check valves
- NETWELL® Aspiration valves
- Lineal check valves
- Check (non ret.) valve with spring
- NET® Air release valve
- Angle seat valves
- Drip irrigation
- Irrigation Fittings
- Filter
- NETVITC SYSTEM® Filter
- NETVITC SYSTEM® Extinguishers
- Fluids display socket
- PVC. Glue and cleaner
- Drainage

NETWELL SYSTEM

MANUFACTURED IN THE U.E. FOR
HIDROTEN S.A., UNDER LICENSES AND
TECHNOLOGY OF NETWELL SYSTEM®

GENERIC APPLICATIONS :

- **Hidroten** pressure fittings are designed to allow either one or all the connections to be assembled by way of solvent cementing. The cement is applied to the joint area, creating a chemical reaction between the two surfaces, ensuring a strong, leak free joint.

- **Families 1 and 2 from Hidroten** allow to glue and to assemble the products with other systems that could be made of a standardised thread on the other union extremity. It also offers the possibility to realize mobile unions by means of using three-part unions, which allow the piping separation with no need to break the physical union among connections and conductions that have been realized by gluing or threading actions.

- **The Hidroten Family 1-2 has been developed for use in a wide variety of applications, particularly agriculture, swimming pools, civil engineering and industrial applications.** The wide range of fittings include transition unions for connection to threaded joints of different materials.



THE USE OF HIDROTEN SOLVENT CEMENT IS RECOMMENDED.

MATERIALS AND MANUFACTURING:

Fittings made from grey and white PVC-U (Unplasticised polyvinyl chloride).

- **All our pressure fittings from solvent socket or solvent socket/threaded families are manufactured to the highest standards, under strict quality control procedures to ensure high quality and reliability.**



USE AND RECOMMENDATIONS:

- It is always recommended to try out the installation before to proceed to its burial.

- Use a THF adhesive for the montage.

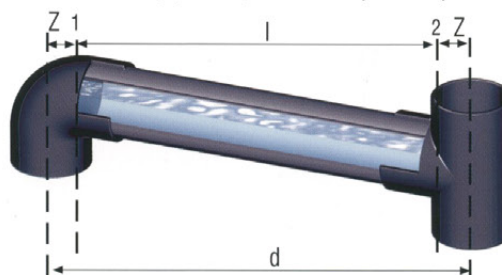
The use of HIDROTEN SOLVENT CEMENT is recommended.

- Always ensure excess cement is wiped from the joint area.

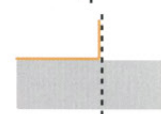
- For the threaded part, PTFE (Teflon) tape is recommended for threaded fittings. Do not use joint compounds.

PVC solvent socket (recommendations)

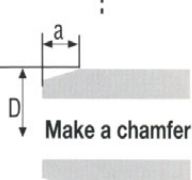
Determine the pipe length $l = d - (Z1 + Z2)$



Cut the pipe: Insure a perpendicular cutting to the axis of the pipe using adequate tools

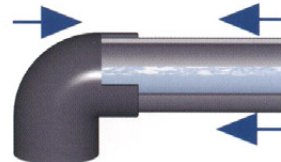


	mm	mm	mm	mm
D	16	20 - 50	63 - 225	250 - 315
a	1 - 2	2 - 4	4 - 6	5 - 7



Clean the pipe and the fitting with cleaning fluid: Using absorbent paper or clean cloth. Surface has to be matt. Do not touch the cleaned surface.

Assemble the fitting and the pipe: Apply the cement to the pipe and fitting, and push together until the pipe hits the stop. Do not twist. Hold the joint for a few seconds to prevent push out, and then remove excess cement using a clean cloth or absorbent paper.



Drying period: approximately 1h/bar

Depends on ambient temperature and tolerance.

Test	bar	h
PN 9	9	12
PN 16	21	24



BASIC CHARACTERISTICS :

- Range of products / from \varnothing 16 to 400, solvent socket.
- Range of products / from 3/8" to 4" threaded.
- NBR or Viton o-rings for unions.

TECHNICAL CHARACTERISTICS :

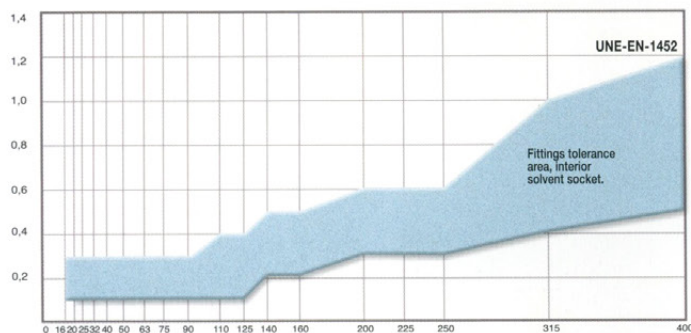
Standards:

- Union outlets ; UNE-EN-1452.
- Measures and assembling quotation: UNE-EN-1452.
- Fulfilled performance: UNE-EN-1452.
- For piping under standards: UNE-EN-1452.

Test results under UNE-EN-1452 standard

Property	Requests under standards	Average value obtained	I (K=2)	Result
Density	From 1350 and 1460 Kg/m ³	1383	± 1	Passed
Melting temperature	≥ 74° C	77	± 1	Passed
Heat behaviour	No bubbles, no welding lines separation			Passed
Water absorption	< 50 g/m ²	22	-	Passed
Aspect	Smooth surface and uniform colour distribution			Passed
Pressure resistance	20° C	Test fulfilled		Passed
	60° C	Test fulfilled		

Graph of fittings tolerance.



Working pressure (temperature 20°)

SOLVENT SOCKET fittings

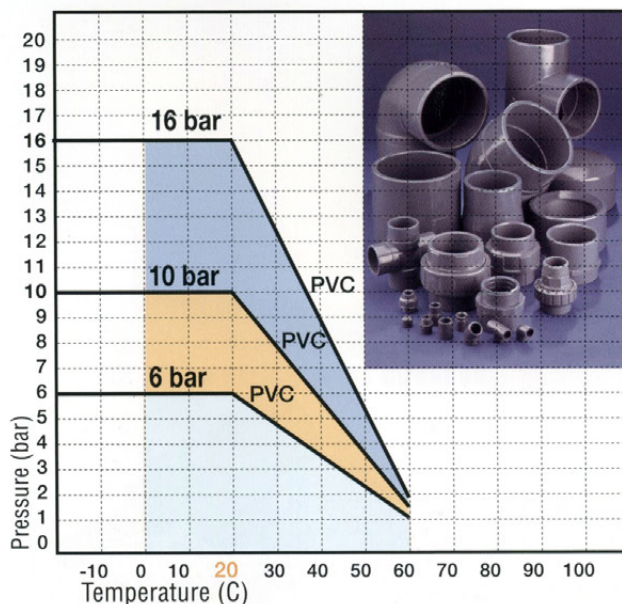
From \varnothing 16 to \varnothing 140: PN 16 bar. 232 psi
From \varnothing 160 to \varnothing 315: PN 10 bar. 145 psi
 \varnothing 400: PN 6 bar. 87 psi

THREADING fittings

All measures.
PN: 10 bar. 145 psi



Pressure/Temperature:



CERTIFICATIONS:



Company certification
ISO-9001



Product certificate

PRODUCTS "UNIQUE IN THE MARKET"

"AIR" MODEL ELBOW

Hidroten S.A. incorporates in its pressure fittings range the patented "AIR" model elbow, with female threaded outlet totally integrated, providing maximum guarantees and services.



Ø 90- 110- 125- 160
Ø 3/4- 1"- 2"

The aeration outlet is incorporated to the elbow, which avoids us to perforate the fitting and this, protects us from the risk of breaking. Among other possibilities, it offers the option to connect an air release valve (family 17) or a manometer (family 91).

EXAMPLE OF APPLICATION



1 Air elbow +ball valve, plain/male threaded



2 Air elbow +ball valve, plain/male threaded + pipe



3 Air elbow +ball valve, plain/male threaded + NET air release valve

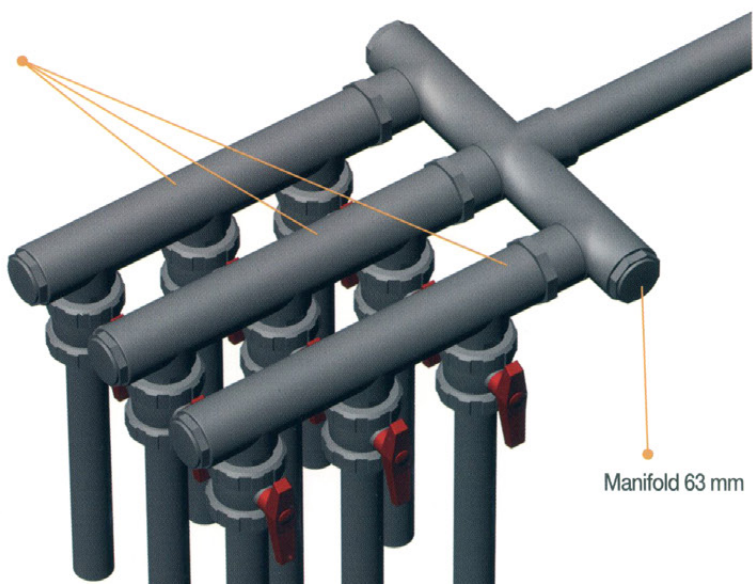


4 Air elbow + control component

MANIFOLD PLAIN / THREAD

Manifolds 63 mm
PVC-U/PP

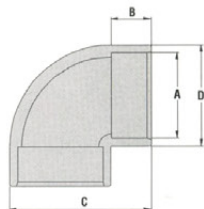
The "manifold" was invented in the aim of optimizing the output of its installations in sectors such as swimming pool, water process or industry



Manifold 63 mm

EXAMPLE:
Parallel manifold system
Water distribution

RANGE OF PRODUCTS:

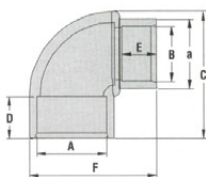


01

90° elbow

CODE	A	D.N.	WEIGHT	B	C	D
01140	16	10	11,4	15	35	22
01074	20	15	15	16	41	27
01001	25	20	30	19	50	33
01002	32	25	53	22	61	41
01003	40	32	92	26	74	50
01004	50	40	134	31	88	61
01005	63	50	257	38	109	76
01006	75	65	413	44	130	90
01007	90	80	690	51	151	108
01008	110	100	1.244	61	184	131
01009	125	110	1.526	69	210	143
01010	140	125	2.410	76	234	164
01011	160	150	2.854	86	265	182
01012	200	175	4.476	106	320	225
01091	225	200	9.633	119	362	252
01092	250	225	12.248	131	452	284
01093	315	300	23.750	164	583	352
01301	400	325	35.960	206	727	442

White range in option

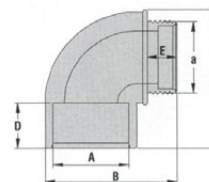


02

90° reducing elbow, solvent socket

CODE	AxaxB	D.N.	WEIGHT	C	D	E	F
01605	50x50x40	40-32	125	85	31	26	102
01606	63x63x50	50-40	274	109	38	31	122

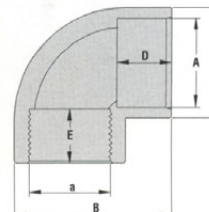
White range in option



03

90° elbow plain/male threaded

CODE	A-a	D.N.	WEIGHT	B	C	D	E
02605	50x1 1/2"	40	109	85	91	31	21
02606	63-2"	50	245	109	109	38	26

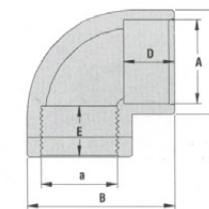


04

90° elbow plain/female threaded

CODE	A-a	D.N.	WEIGHT	B	C	D	E
02201	20-1/2"	15	21	41	27	16	16
02202	25-3/4"	20	34	50	33	19	17
02203	32-1"	25	66	61	41	22	21
02204	40-1 1/4"	32	120	74	50	26	23
02205	50-1 1/2"	40	145	88	61	31	31
02206	63-2"	50	275	109	75	38	38
02207	75-2 1/2"	65	427	129	89	46	43
02208	90-3"	80	831	156	108	54	53

White range in option

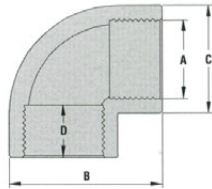


433

90° elbow plain/female threaded, reinforced

CODE	A-a	D.N.	WEIGHT	B	C	D	E
02160	20-1/2"	15	32	41	27	16	16
02161	25-3/4"	20	45	50	33	19	19
02162	32-1"	25	79	61	41	22	22

RANGE OF PRODUCTS:

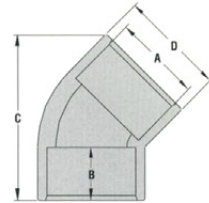


05

90° elbow female-female threaded

CODE	A	D.N.	WEIGHT	B	C	D
02301	1/2"	15	22	41	27	16
02302	3/4"	20	34	50	33	17
02303	1"	25	66	61	41	21
02304	1 1/4"	32	97	74	50	23
02305	1 1/2"	40	165	88	61	31
02306	2"	50	322	109	76	38
02307	2 1/2"	65	441	128	89	44
02308	3"	80	864	155	107	53

White range in option

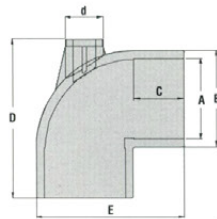


06

45° elbow plain

CODE	A	D.N.	WEIGHT	B	C	D
01141	16	10	10	15	41	22
01073	20	15	18	16	48	27
01013	25	20	26	19	53	33
01014	32	25	43	22	63	41
01015	40	32	71	26	80	50
01016	50	40	113	31	94	61
01017	63	50	225	38	125	76
01018	75	65	333	44	138	90
01019	90	80	604	51	168	108
01020	110	100	892	61	190	131
01021	125	110	1.123	69	215	148
01022	140	125	2.097	76	260	164
01023	160	150	2.192	86	286	180
01024	200	175	3.862	106	346	225
01088	225	200	5.724	119	386	252
01089	250	225	7.715	131	435	284
01090	315	300	14.480	164	525	352
01302	400	325	23.140	206	676	447

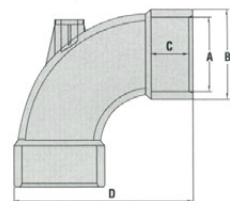
White range in option



429

90° "AIR" elbow plain

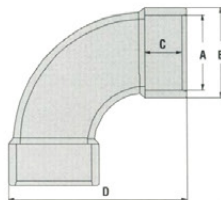
CODE	A	d	D.N.	WEIGHT	B	C	D	E
01259	90	3/4"	80	812	107	51	175	151
01261	110	1"	100	1.278	130	61	206	184
01263	125	2"	110	1.628	145	69	234	210
01267	160	2"	150	2.443	186	86	297	265



545

90° "AIR" bend

CODE	A	D.N.	WEIGHT	B	C	D
01717	90	80	840	107	51	261
01718	110	100	1.330	130	61	288

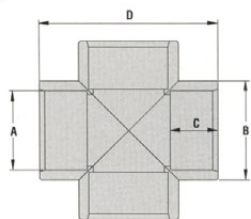


544

90° bend

CODE	A	D.N.	WEIGHT	B	C	D
01707	90	80	740	107	51	261
01708	110	100	1.290	130	61	288

Plain, threaded and plain / threaded pressure fittings

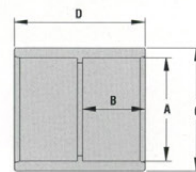


15

90° cross plain

CODE	A	D.N.	WEIGHT	B	C	D
01311	20	15	60	30	17	63
01312	25	20	62	33	19	68
01313	32	25	68	42	22	78
01244	40	32	210	52	26	94
01245	50	40	288	63	32	121
01246	63	50	495	75	38	160
01247	75	65	670	89	44	166
01248	90	80	1.142	108	51	203
01249	110	100	1.812	131	62	240
01250	125	110	2.311	145	70	277
01252	160	150	4.300	185	86	335
01253	200	175	7.300	228	106	419

White range in option

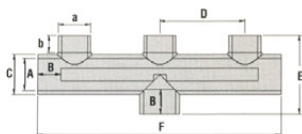


12

Coupling plain

CODE	A	D.N.	WEIGHT	B	C	D
01143	16	10	8	15	22	32
01076	20	15	13	16	27	35
01037	25	20	21	19	33	42
01038	32	25	34	22	41	47
01039	40	32	64	26	50	55
01040	50	40	107	31	63	67
01041	63	50	145	38	76	81
01042	75	65	277	44	90	92
01043	90	80	488	51	108	108
01044	110	100	734	61	131	129
01045	125	110	987	69	148	146
01046	140	125	1.088	76	164	162
01047	160	150	1.369	86	183	182
01048	200	175	2.646	106	225	229
01097	225	200	3.702	119	252	250
01098	250	225	5.272	131	284	275
01099	315	300	9.884	164	352	340

White range in option

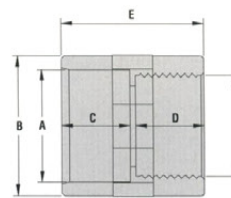


409

Manifold

CODE	A-a	D.N.	WEIGHT	b	B	C	D	E	F
01270	50	40-32	677	26	34	61	131	123	380
01271	63	50-40	1.143	26	38	75	165	151	475

White range in option

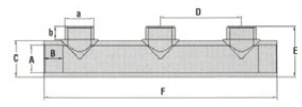


14

Coupling plain/threaded

CODE	A-a	D.N.	WEIGHT	B	C	D	E
02010	20-1/2"	15	16	28	17	16	36
02011	25-3/4"	20	24	34	20	17	41
02012	32-1"	25	40	42	22	21	48
02013	40-1 1/4"	32	66	51	27	23	53
02014	50-1 1/2"	40	100	61	32	24	61
02015	63-2"	50	153	75	39	28	72
02016	75-2 1/2"	65	270	90	44	32	85
02017	90-3"	80	457	110	51	35	100
02018	110-4"	100	507	129	61	39	108

White range in option

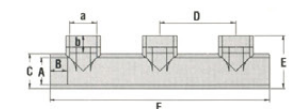


531

Manifold male threaded

CODE	A-a	D.N.	WEIGHT	b	B	C	D	E	F
02335	63-1 1/2"	50-40	1.051	21	38	75	165	97	475
02346	63-2"	50	1.172	26	38	75	165	102	475

• Consult more outlet combinations

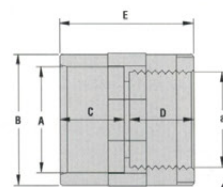


532

Manifold female threaded

CODE	A-a	D.N.	WEIGHT	b	B	C	D	E	F
02355	63-1 1/2"	50-40	1.051	21	38	75	165	97	475
02366	63-2"	50	1.172	26	38	75	165	102	475

• Consult more outlet combinations

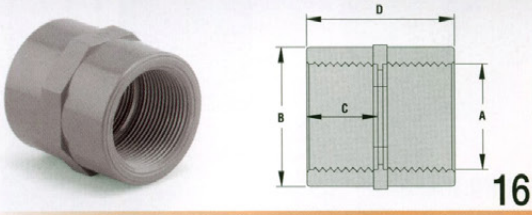


437

Coupling plain/threaded, reinforced

CODE	A-a	D.N.	WEIGHT	B	C	D	E
02190	20-1/2"	15	26	28	17	16	36
02191	25-3/4"	20	34	34	20	17	41
02192	32-1"	25	52	42	22	21	48

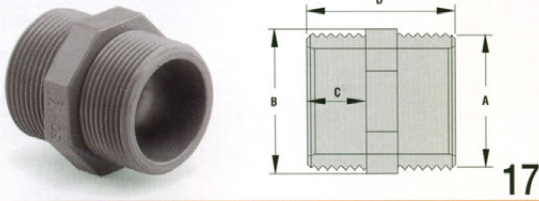
RANGE OF PRODUCTS:



Union bush female threaded

CODE	A	D.N.	WEIGHT	B	C	D
02050	1/2"	15	20	27	16	35
02051	3/4"	20	26	33	19	41
02052	1"	25	42	41	22	47
02053	1 1/4"	32	66	50	26	55
02054	1 1/2"	40	124	61	31	65
02055	2"	50	206	75	38	79
02056	2 1/2"	65	300	90	44	92
02058	3"	80	543	108	51	107
02059	4"	100	900	131	62	128

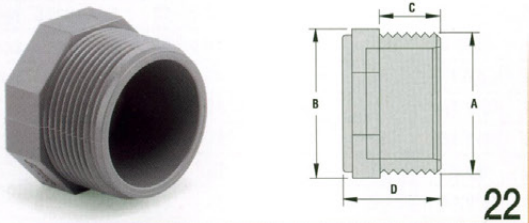
White range in option



Nipple male-male

CODE	A	D.N.	WEIGHT	B	C	D
02401	1/2"-1/2"	15	14	29	11	40
02402	3/4"-3/4"	20	21	34	16	44
02403	1"-1"	25	37	44	19	50
02404	1 1/4"-1 1/4"	32	54	50	21	55
02405	1 1/2"-1 1/2"	40	71	60	22	57
02406	2"-2"	50	108	70	26	65

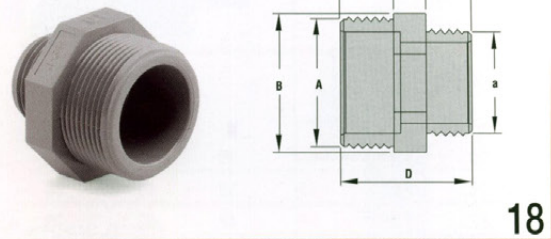
White range in option



Cap male threaded

CODE	A	D.N.	WEIGHT	B	C	D
02019	1/2"	15	14	29	14	31
02020	3/4"	20	19	34	16	32
02021	1"	25	33	44	19	35
02022	1 1/4"	32	38	47	21	38
02023	1 1/2"	40	47	55	21	40
02024	2"	50	80	69	26	46
02025	2 1/2"	65	134	87	30	51
02026	3"	80	211	103	33	58
02027	4"	100	318	130	38	65

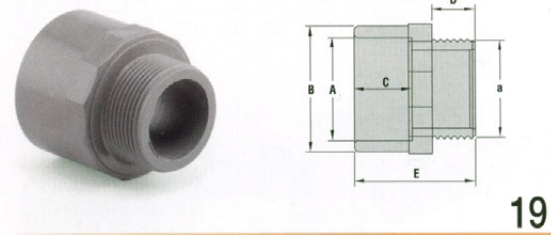
White range in option



Reducing nipple male-male

CODE	A-a	D.N.	WEIGHT	B	C	D	E
02447	3/4"-1/2"	20-15	19	34	11	16	42
02448	1"-1/2"	25-15	30	44	11	19	47
02449	1"-3/4"	25-20	33	44	16	19	47
02450	1 1/4"-1/2"	32-15	44	50	11	21	49
02451	1 1/4"-3/4"	32-20	47	50	16	21	50
02452	1 1/4"-1"	32-25	50	50	19	21	53
02453	1 1/2"-1/2"	40-15	58	60	11	22	49
02454	1 1/2"-3/4"	40-20	59	60	16	22	51
02455	1 1/2"-1"	40-25	62	60	19	22	54
02456	1 1/2" 1 1/4"	40-32	67	60	21	22	56
02457	2"-3/4"	50-20	90	70	16	26	56
02458	2"-1"	50-25	93	70	19	26	60
02459	2"-1 1/4"	50-32	95	70	21	26	61
02460	2"-1 1/2"	50-40	98	70	22	26	61

White range in option

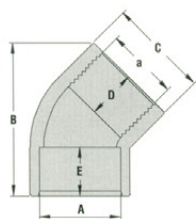


Adaptor bush male threaded

CODE	A-a	D.N.	WEIGHT	B	C	D	E
02000	16-3/8"	10	10	22	14	11	32
02001	20-1/2"	15	15	27	16	14	38
02002	25-3/4"	20	24	33	19	16	51
02003	32-1"	25	41	41	22	19	52
02004	40-1 1/4"	32	46	50	26	21	56
02005	50-1 1/2"	40	83	61	31	21	67
02006	63-2"	50	137	76	38	26	73
02007	75-2 1/2"	65	212	90	44	30	87
02008	90-3"	80	332	108	51	33	96
02009	110-4"	100	549	131	61	38	127

White range in option

Plain, threaded and plain / threaded pressure fittings

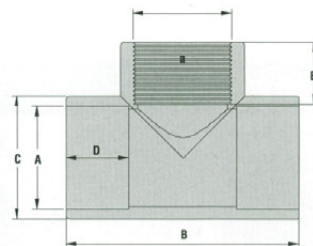


07

45° elbow, plain/female threaded

CODE	A-a	D.N.	WEIGHT	B	C	D	E
02211	20-1/2"	15	17	48	27	16	16
02212	25-3/4"	20	28	53	33	19	17
02213	32-1"	25	52	63	41	22	21
02214	40-1 1/4"	32	74	80	50	26	23
02215	50-1 1/2"	40	131	95	61	31	31
02216	63-2"	50	234	125	75	38	38
02217	75-2 1/2"	65	358	140	89	45	44
02218	90-3"	80	638	162	107	51	51

White range in option

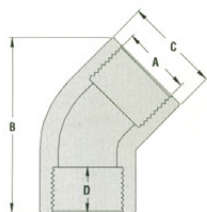


11

90° tee, plain/f.threaded/plain

CODE	A-a	D.N.	WEIGHT	B	C	D	E
02221	20-1/2"	15	23	56	27	16	16
02222	25-3/4"	20	45	66	33	19	17
02223	32-1"	25	83	79	41	22	21
02224	40-1 1/4"	32	150	95	50	26	23
02225	50-1 1/2"	40	200	114	61	31	31
02226	63-2"	50	327	141	75	38	38
02227	75-2 1/2"	65	540	166	90	44	44
02228	90-3"	80	977	199	108	53	52

White range in option

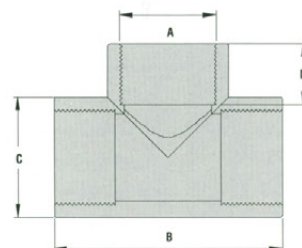


08

45° elbow, female threaded

CODE	A	D.N.	WEIGHT	B	C	D
02311	1/2"	15	20	48	27	16
02312	3/4"	20	27	53	33	17
02313	1"	25	54	63	41	21
02314	1 1/4"	32	80	80	50	23
02315	1 1/2"	40	156	95	61	31
02316	2"	50	260	125	76	38
02317	2 1/2"	65	361	137	89	45
02318	3"	80	676	162	107	51

White range in option

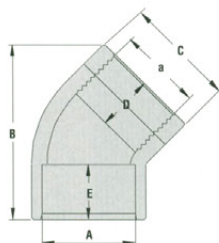


13

90° tee, female threaded outlets

CODE	A	D.N.	WEIGHT	B	C	D
02321	1/2"	15	28	56	27	16
02322	3/4"	20	45	66	33	17
02323	1"	25	86	99	41	21
02324	1 1/4"	32	142	95	50	23
02325	1 1/2"	40	235	114	61	31
02326	2"	50	412	141	76	38
02327	2 1/2"	65	632	166	89	30
02328	3"	80	1.102	199	107	52

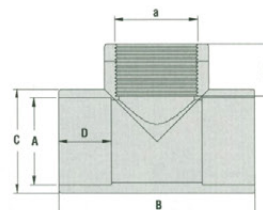
White range in option



434

45° elbow, plain/female threaded, reinforced

CODE	A-a	D.N.	WEIGHT	B	C	D	E
02170	20-1/2"	15	28	48	27	16	16
02171	25-3/4"	20	39	53	33	19	17
02172	32-1"	25	65	63	41	22	21

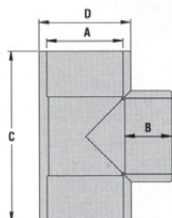


436

90° tee, plain/f.threaded/plain, reinforced

CODE	A-a	D.N.	WEIGHT	A	B	C	D
02180	20-1/2"	15	54	41	22	28	13
02181	25-3/4"	20	66	50	34	34	16
02182	32-1"	25	78	60	43	43	18

RANGE OF PRODUCTS:

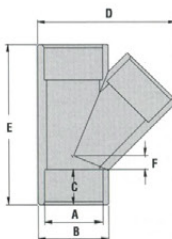


09

90° tee, solvent socket

CODE	A	D.N.	WEIGHT	B	C	D
01142	16	10	15	15	48	22
01075	20	15	21	16	56	27
01025	25	20	43	19	66	33
01026	32	25	71	22	79	41
01027	40	32	110	26	95	50
01028	50	40	183	31	114	61
01029	63	50	292	38	141	76
01030	75	65	520	44	167	90
01031	90	80	910	51	199	108
01032	110	100	1.465	61	238	131
01033	125	110	1.987	69	277	148
01034	140	125	3.170	76	305	164
01035	160	150	3.668	86	348	182
01036	200	175	6.240	106	408	226
01094	225	200	9.600	119	470	252
01095	250	225	12.505	131	252	290
01096	315	300	24.588	164	658	352
01303	400	325	39.780	206	840	442

White range in option

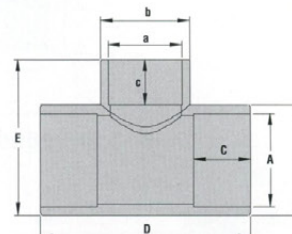


435

45° tee

CODE	A	D.N.	WEIGHT	B	C	D	E	F
01340	16	10	26	22	15	48	59	6
01341	20	15	34	27	16	55	68	7
01342	25	20	68	33	19	67	81	7
01343	32	25	125	41	22	82	96	8
01344	40	32	225	50	26	99	116	10
01345	50	40	300	61	31	121	142	13

White range in option



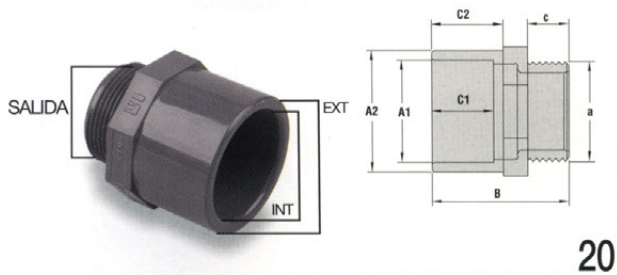
10

Reducing 90° tee, solvent socket

CODE	A-a	D.N.	WEIGHT	B	C	b	c	D	E
01201	25/20	20/15	37	33	19	27	16	66	47
01209	32/20	25/15	61	40	22	27	16	79	57
01202	32/25	25/20	65	40	22	32	19	79	58
01210	40/20	32/15	87	50	22	27	16	95	66
01211	40/25	32/20	101	50	26	32	19	95	67
01203	40/32	32/25	105	50	26	40	22	95	70
01213	50/25	40/20	149	60	26	32	19	114	78
01214	50/32	40/25	152	60	31	40	22	114	80
01204	50/40	40/32	161	60	31	50	26	114	84
01217	63/32	50/25	300	76	31	40	22	142	96
01218	63/40	50/32	303	76	38	50	26	142	100
01205	63/50	50/40	318	76	38	62	31	142	102
01219	75/32	65/25	531	91	38	41	22	171	109
01220	75/40	65/32	465	89	45	50	26	167	114
01221	75/50	65/40	463	89	44	60	31	167	117
01206	75/63	65/50	574	89	44	76	38	167	126
01222	90/40	80/32	832	107	44	50	26	200	132
01223	90/50	80/40	951	107	51	60	31	200	140
01224	90/63	80/50	940	107	51	76	38	200	140
01207	90/75	80/65	947	107	51	92	44	200	150
01225	110/50	100/40	1.200	130	51	60	31	237	158
01226	110/63	100/50	1.292	130	61	76	38	237	165
01227	110/75	100/65	1.307	130	61	92	44	237	169
01208	110/90	100/80	1.316	130	61	110	51	237	173
01228	125/63	110/50	1.760	145	69	76	38	277	173
01229	125/75	110/65	1.748	145	69	89	44	277	180
01230	125/90	110/80	1.825	145	69	108	51	277	188
01231	125/110	110/100	1.924	145	69	130	61	277	197
01232	140/75	125/65	2.407	163	76	89	44	295	195
01233	140/90	125/80	2.498	163	76	107	51	295	202
01234	140/110	125/100	2.576	163	76	130	61	295	212
01235	140/125	125/110	2.640	163	76	145	69	295	220
01236	160/90	150/80	3.520	186	86	107	51	334	237
01237	160/110	150/100	3.840	186	86	130	61	334	247
01238	160/125	150/110	3.900	186	86	145	69	334	255
01239	160/140	150/125	4.125	186	86	163	76	334	262
01240	200/110	175/100	5.990	226	106	131	61	408	287
01241	200/125	175/110	6.489	226	106	148	69	408	295
01242	200/140	175/125	6.614	226	106	164	76	408	302
01243	200/160	175/150	6.936	226	106	182	82	408	308

White range in option

Plain, threaded and plain / threaded pressure fittings

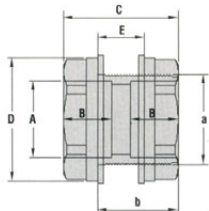


20

Nipple, plain/male threaded

CODE	A1xA2xa	WEIGHT	B	C1	C2	c
02000	16-20-3/8"	7	35	15	16	12
02001	20-25-1/2"	14	38	16	19	14
02728	25-32-1/2"	24	48	19	22	14
02002	25-32-3/4"	26	51	19	22	17
02729	25-32-1"	29	53	19	22	19
02731	32-40-3/4"	38	54	22	26	16
02732	32-40-1"	41	57	22	26	19
02733	32-40-1 1/4"	45	59	22	26	22
02741	40-50-1"	72	64	26	31	19
02742	40-50-1 1/4"	75	65	26	31	22
02743	40-50-1 1/2"	79	66	26	31	22
02751	50-63-1"	114	71	31	38	19
02752	50-63-1 1/4"	118	74	31	38	22
02753	50-63-1 1/2"	121	74	31	38	22
02754	50-63-2"	128	78	31	38	26
02761	63-75-1"	164	79	38	44	19
02762	63-75-1 1/4"	168	81	38	44	22
02763	63-75-1 1/2"	172	81	38	44	22
02764	63-75-2"	173	85	38	44	26
02765	63-75-2 1/2"	200	89	38	44	31
02766	75-90-2 1/2"	294	98	44	51	31
02767	90-110-3"	493	111	51	61	33
02009	110-125-4"	532	127	61	69	40

White range in option

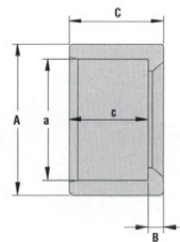


406

Tank adaptor

CODE	A-a	D.N.	WEIGHT	B	b	C	D	E	EPDM
02772	25-1"	20	76	19	47	62	50	38	
02773	32-1 1/4"	25	112	21	53	69	64	33	
02774	40-2"	32	275	26	53	74	81	30	
02775	50-2"	40	208	31	53	74	81	30	
02782	25-1"	20	76	19	47	62	50	38	
02783	32-1 1/4"	25	112	21	53	69	64	33	
02784	40-2"	32	275	26	53	74	81	30	
02785	50-2"	40	208	31	53	74	81	30	

VITÓN



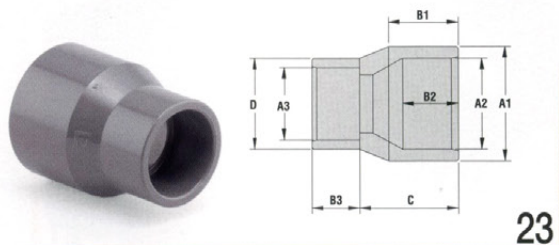
21

Reducing bush

CODE	A-a	D.N.	WEIGHT	C	B	c
01144	20/16	10	4	16	2	14
01061	25/20	15	5	19	3	16
01170	32/20	20	12	22	6	16
01062	32/25	20	10	22	6	19
01171	40/20	25	21	26	10	16
01172	40/25	25	22	26	7	19
01063	40/32	25	15	26	4	22
01173	50/20	32	33	31	15	16
01174	50/25	32	35	31	12	19
01175	50/32	32	39	31	9	22
01064	50/40	32	30	31	5	26
01178	63/32	40	71	39	16	23
01179	63/40	40	77	39	13	26
01065	63/50	40	57	38	7	31
01183	75/40	50	119	44	18	26
01184	75/50	50	118	44	12	32
01066	75/63	50	79	44	6	38
01189	90/50	65	177	51	19	32
01190	90/63	65	164	51	12	39
01067	90/75	65	135	52	7	45
01196	110/63	80	296	61	22	39
01197	110/75	80	315	62	17	45
01068	110/90	80	250	61	10	51
01069	125/110	100	273	69	8	61
01070	140/125	110	317	76	7	69
01071	160/140	125	518	86	10	76
01072	200/160	150	1.338	106	20	86
01100	225/200	175	1.416	119	13	106
01101	250/225	200	1.756	134	13	121
01131	250/200	175	2.724	135	29	106
01130	250/160	150	2.822	135	15	120
01102	315/250	225	4.336	164	33	131
01133	315/225	200	7.540	166	60	106
01132	315/200	175	7.900	166	46	120
01309	400/315	300	9.700	205	74	131
01308	400/250	225	11.142	205	40	165

White range in option

RANGE OF PRODUCTS:

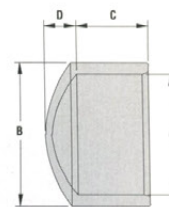


23

Conical reducing

CODE	A1/A2/A3	D.N.	WEIGHT	B1	B2	B3	C	D
01078	32/25/20	15	19	22	19	16	30	27
01321	40/32/20	15	28	26	22	17	34	27
01103	40/32/25	20	33	26	22	19	36	33
01322	50/40/20	15	48	31	26	16	45	27
01323	50/40/25	20	53	31	26	19	44	33
01104	50/40/32	25	58	31	26	22	44	41
01324	63/50/25	20	90	38	31	19	54	33
01325	63/50/32	25	97	38	31	22	42	41
01105	63/50/40	32	107	38	31	26	54	50
01326	75/63/32	25	112	44	38	22	62	41
01327	75/63/40	32	125	44	38	26	64	50
01106	75/63/50	40	148	44	38	31	62	61
01328	90/75/40	32	197	51	44	27	75	50
01329	90/75/50	40	220	51	44	31	75	61
01107	90/75/63	50	256	51	44	38	74	76
01330	110/90/50	40	389	61	51	29	90	61
01331	110/90/63	50	428	61	51	38	90	75
01108	110/90/75	65	489	61	51	44	88	90
01332	125/110/63	50	426	69	61	38	101	75
01333	125/110/75	65	497	69	61	44	100	90
01109	125/110/90	80	523	69	61	51	100	108
01334	140/125/75	65	641	76	69	44	111	90
01335	140/125/90	80	657	76	69	51	112	105
01110	140/125/110	100	845	76	69	61	111	131
01336	160/140/90	80	918	86	76	51	126	105
01337	160/140/110	100	1.145	86	76	61	126	130
01111	160/140/125	110	1.288	86	76	69	126	148
01112	INT 200 / 160	150	2.567	106	-	86	154	164
01113EXT	200 / INT 160	150	2.540	106	-	86	154	182

White range in option

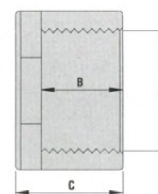


24

Cap female

CODE	A	D.N.	WEIGHT	B	C	D
01145	16	10	4	22	15	6
01077	20	15	6	25	16	8
01049	25	20	13	32	19	9
01050	32	25	21	40	22	10
01051	40	32	39	50	26	12
01052	50	40	80	63	31	15
01053	63	50	121	75	38	17
01054	75	65	189	91	44	19
01055	90	80	320	111	51	23
01056	110	100	530	132	61	28
01057	125	110	718	148	69	32
01058	140	125	1.061	168	76	36
01059	160	150	1.254	186	86	40
01060	200	175	2.005	225	106	46
01120	250	225	3.180	282	131	60
01121	315	300	5.630	357	164	70

White range in option



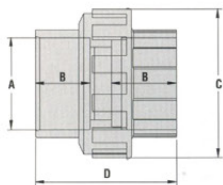
25

Cap female threaded

CODE	A	D.N.	WEIGHT	B	C
02040	1/2"	15	12	16	24
02041	3/4"	20	16	19	28
02042	1"	25	26	22	33
02043	1 1/4"	32	42	26	37
02044	1 1/2"	40	74	31	43
02045	2"	50	128	38	51
02046	2 1/2"	65	187	44	64
02047	3"	80	250	51	76
02048	4"	100	525	61	91

White range in option

UNION

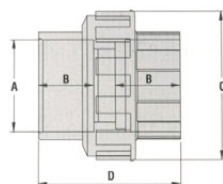


26

Union

CODE	A	D.N.	WEIGHT	B	C	D
01079	20	15	35	16	40	46
01080	25	20	63	19	51	53
01081	32	25	85	22	58	58
01082	40	32	159	26	72	70
01163	50-40	40-32	190	31	80	76
01083	50	40	181	31	80	82
01166	63-50	50-40	318	38	98	93
01084	63	50	317	38	98	98
01085	75	65	620	44	121	109
01086	90	80	800	51	139	126
01087	110	100	1.211	61	163	146

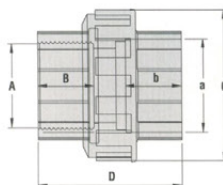
White range in option



81

Union, solvent socket, "BS"

CODE	A	D.N.	WEIGHT	B	C	D
01153	40	32	159	26	72	70
01154	50	40	181	31	80	82
01155	63	50	317	38	98	98

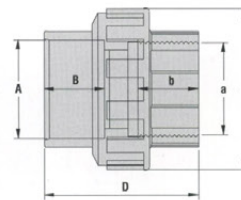


28

Union, female thread socket-plain

CODE	A-a	D.N.	WEIGHT	B	b	C	D
02114	50-1 1/2"	40	820	51	51	139	125
02119	63-1 1/2"	40	1.261	61	61	163	146

White range in option

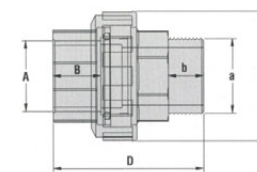


27

Union, plain socket-female thread

CODE	A-a	D.N.	WEIGHT	B	b	C	D
02028	20-1/2"	15	34	16	16	42	46
02029	25-3/4"	20	66	19	19	52	52
02030	32-1"	25	84	22	22	60	58
02031	40-1 1/4"	32	153	26	26	74	69
02032	50-1 1/2"	40	210	34	31	80	85
02033	63-2"	50	361	38	38	99	88
02034	75-2 1/2"	65	597	44	44	120	109
02035	90-3"	80	820	51	51	139	125
02036	110-4"	100	1.271	61	61	163	146

White range in option

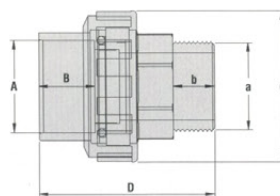


30

Union, male thread socket-female threaded

CODE	A-a	D.N.	WEIGHT	b	B	C	D
02515	1 1/2"-1 1/2"	40	201	34	31	80	50
02519	2-1/2"	40	314	34	38	98	63

White range in option



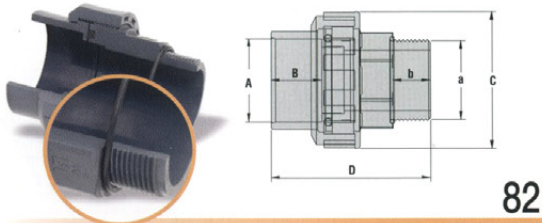
29

Union, plain socket-female threaded

CODE	A-a	D.N.	WEIGHT	B	b	C	D
02076	1 1/4"-40	32	174	26	21	74	89
02057	1 1/2"-40	32	236	26	21	80	93
02077	1 1/2"-50	40	258	31	21	80	98
02060	2"-50	40	421	31	26	99	115
02078	2"-63	50	409	38	26	99	120
02079	2 1/2"-75	65	630	44	30	120	135

White range in option

RANGE OF PRODUCTS:

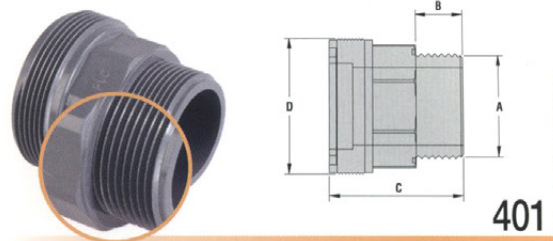


82

Union, f. plain socket m. threaded, with o-ring

CODE	A-a	D.N.	WEIGHT	B	b	C	D
02086	1 1/4"-40	32	184	26	21	74	89
02087	1 1/2"-40	32	244	26	21	80	93
02088	1 1/2"-50	40	233	31	21	80	98
02089	2"-50	40	434	31	26	99	115
02090	2"-63	50	420	38	26	99	120

White range in option



401

Union adaptor socket m. threaded with o-ring

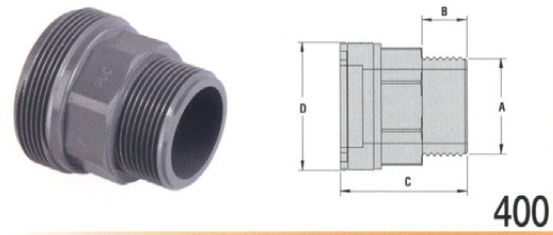
CODE	A	WEIGHT	B	C	D
02923	1 1/4"	95	21	59	59
02924	1 1/2"	124	21	63	66
02925	2"	236	26	78	81



83

O-ring

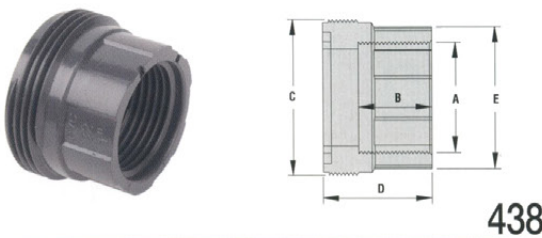
CODE	MEASURE	WEIGHT
98125	20(19x4)	0,9
98164	25(26,57x3,53)	1,1
98142	32(30x4)	2,0
98143	40(42x4,50)	2,9
98154	50(45x5,30)	4,4
98155	63(58x5,30)	5,2



400

Union adaptor socket male threaded

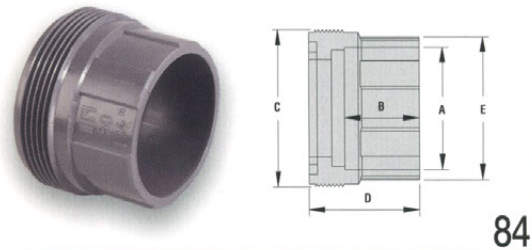
CODE	A	WEIGHT	B	C	D
02903	1 1/4"	91	21	59	59
02904	1 1/2"	121	21	63	66
02905	2"	229	26	78	81



438

Union adaptor solvent socket

CODE	A	WEIGHT	B	C	D	E
02934	1/2"	13	16	33	26	28
02935	3/4"	24	19	42	29	36
02936	1"	32	22	48	32	42

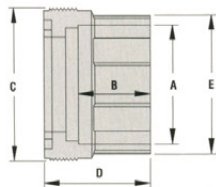


84

Union adaptor solvent socket

CODE	A	WEIGHT	B	C	D	E
01925	20	12	18	28	26	17
01926	25	24	19	36	29	20
01927	32	30	22	42	32	22
01928	40	61	26	52	41	27
01929	50	59	32	59	46	31
01930	63	123	38	73	56	38

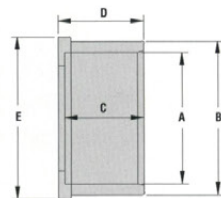
Plain, threaded and plain / threaded pressure fittings



399

Union solvent socket "BS"

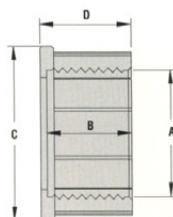
CODE	A	WEIGHT	B	C	D	E
01985	1/2"	12	16	33	26	28
01986	3/4"	24	19	42	29	36
01987	1"	30	22	48	32	42
01988	1 1/4"	61	26	59	41	52
01989	1 1/2"	59	31	66	46	59
01990	2"	123	38	78	56	73



402

Union coupling, solvent socket outlet

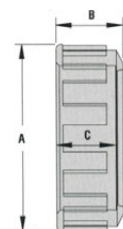
CODE	A	WEIGHT	B	C	D	E
01905	20	8	27	16	19	30
01906	25	16	35	19	22	39
01907	32	21	41	22	26	45
01908	40	43	50	26	35	63
01914	50-40	43	50	26	35	63
01909	50	52	63	31	44	63
01915	63-50	52	63	31	44	63
01910	63	75	76	38	41	78



404

Union coupling, female threaded

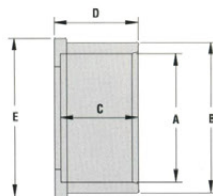
CODE	A	WEIGHT	B	C	D
02914	50-1 1/2"	60	63	31	44
02931	63-1 1/2"	92	76	38	41



405

Union nut, female threaded

CODE	MEASURE	WEIGHT	A	B	C
01913	20	13	41	22	16
01916	25	22	51	25	18
01917	32	39	62	27	20
01918	40	57	74	29	22
01919	50	73	80	33	26
01920	63	117	98	38	28



403

Union coupling, solvent socket outlet "BS"

CODE	A	WEIGHT	B	C	D	E
01974	1/2"	8	27	16	19	30
01975	3/4"	16	35	19	22	39
01967	1"	21	41	22	26	45
01968	1 1/4"	43	50	26	35	63
01969	1 1/2"	52	63	31	44	81
01970	2"	75	76	38	41	78



Consult Family 10 Flanges and adaptors



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 Acces. presión mixtos PVC
 Bidas y enlaces NETVITC®
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 Collarines bisagra. PPFV
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 Válv. mariposa.
 Válv. mariposa NETVITC SYSTEM®.
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 Goteros
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 Filtros
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 Adhesivo PVC
 Gran Evacuación

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 PVC.Pres. glued fittings.
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 Butterfly valves NETVITC SYSTEM®.
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 Vannes à papillon NETVITC SYSTEM®.
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 Vannes à soupape à tête inclinée.
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