



ALUMINUM PIPING SYSTEM



AIR

NITRO

VAC

HP

OIL

SS

**Coming
Soon!**

PRODUCT MANUAL

Super-Fast Installation

No Special Tools Needed

Pressures up to 1015 PSI

13 Pipe Sizes Available

Exceptionally Secure Joints

Table Of Contents

Tech Specs & Declarations	3
The Unipipe Advantage	4 - 5
Flow Rate Table	6

13 Pipe Sizes Available

20mm	¾"
25mm	1"
32mm	1-¼"
40mm	1-½"
50mm	2"
63mm	2-½"
75mm	3"
90mm	3-½"
110mm	4-½"
140mm	5"
160mm	6"
200mm	8"
250mm	10"

AIR	Unipipe AIR 232 PSI	7 - 23
NITRO	Unipipe NITRO 232 PSI	24 - 29
VAC	Unipipe VAC -29 inHg	30 - 40
HP	Unipipe HP 1015 PSI	41 - 45
OIL	Unipipe OIL 1015 PSI	46 - 48

Install Special Flange	49
------------------------	----

Install Reducer	49
-----------------	----

Install Reducer in Fitting	50
----------------------------	----

Install Plug in Fitting	50
-------------------------	----

Install Branch Pipe x Pipe 1" to 2-1/2" (25mm-63mm)	51
---	----

Install Saddle Branch Pipe x FNPT 1" to 10" (25mm-250mm)	52
--	----

Unipipe Assembly Instructions ¾" to 3-1/2" (20mm-90mm)	53
--	----

Unipipe Assembly Instructions 4-1/2" to 10" (110mm-250mm)	54
---	----

UnipipeEZ Assembly Instructions 4-1/2" to 10" (110mm-250mm)	55
---	----

Max Recommended Pipe Support Spacing

Pipe Diameter	Horizontal Liquid/Fluids	Horizontal Gas/Vapor	Vertical
20mm (¾")	6'	9'	12'
25mm (1")	6'	9'	12'
32mm (1-¼")	8'	9'	12'
40mm (1-½")	8'	10'	12'
50mm (2")	8'	10'	12'
63mm (2-½")	10'	12'	16'
75mm (3")	10'	12'	16'
90mm (3-½")	10'	12'	16'
110mm (4")	12'	14'	16'
160mm (6")	12'	14'	16'
200mm (8")	12'	14'	16'
250mm (10")	12'	14'	16'

SPECIFICATIONS	UnipeAIR	UnipeNITRO	UnipeVAC	UnipeHP	UnipeOIL
Max Working Pressure	232 PSI (16 BAR)	232 PSI (16 BAR)	-25.7 (4-1/2" to 10") -29 inHg (3/4" to 3-1/2")	435-580-1015 PSI (30-40-70 BAR)	435-580-1015 PSI (30-40-70 BAR)
Plant Testing Pressure 1 hour at 20°C	348 PSI (24 BAR)	348 PSI (24 BAR)	348 PSI (24 BAR)	435-580-1015 PSI (30-40-70 BAR)	435-580-1015 PSI (30-40-70 BAR)
Quality Testing Pressure 1 hour at 20°C	928 PSI (64 BAR)	928 PSI (64 BAR)	928 PSI (64 BAR)	435-580-1015 PSI (30-40-70 BAR)	435-580-1015 PSI (30-40-70 BAR)
Continuous Working Temperature	From -4°F to 212°F (-20°C up to 100°C)			From -4°F to 305°F (-20°C up to 151°C)	
Max Working Temperature	From -22°F Up to 266°F (-30°C Up to 130°C)				
Thread Standard	NPT National Pipe Thread complying to ANSI B1.20.1				
Aluminum Pipe Mechanical Resistance	According to EN-755-2/2008 standards				
Pipe Material	Aluminum Alloy EN AW 6060 - T5 according to EN 755-2/2008				
Aluminum Fittings Material	Aluminum Alloy EN Aw 6061 T6				
O-Ring & Lip Gasket Material	HNBR 65°/75° Shore A				
Clamp Ring Material	AISI 304 Stainless Steel				
Interior Pipe Coating	The internal surface is phosphatized				

Certificates & Declarations

ISO 9001:2008

SGS Certificate ES13/13865

CRN Number for All Canadian Provinces

- Category A - OA16981.5
- Category B - OB21369.5
- Category C - OC21414.5
- Category D - OD21371.5
- Category H - OH21366.5

Pipe Coating Quality Certificate

Pressure / Temperature Certification

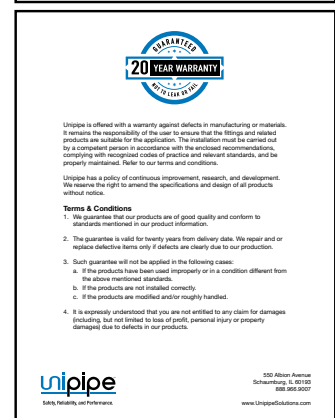
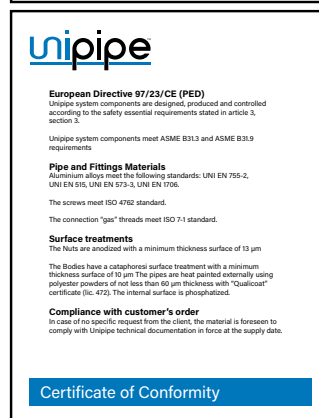
6°F/3488 PSI (-15°C/240.5 Bar)

248°F / 2886 PSI (+140°C/199 Bar)

Unipipe Product Warranty - 20 Years

Conformity Declaration according to PED

ASME B31.3 - B31.9 2014/68/UE



The Unipipe Advantage

The Unipipe design produces a fitting with exceptionally secure joints that is superior to every other aluminum pipe system. The brilliant engineered design with quality material selection produces a system in which the actual pipes will burst before the fitting fails in destructive testing.

In-House Destructive Pressure Testing

UnipipeAIR Rated for 232 PSI
Actual Burst Pressure 4358 PSI (300 bar)
Pipe bursts but no failure of the fittings.



Check Out The
Pipe Burst Challenge
Video



UnipipeHP Rated for 1015 PSI
Actual Burst Pressure 7397 PSI (510 bar)
Pipe bursts but no failure of the fittings.



Independent Laboratory Test Report Destructive Pressure Test to Burst Point

Seal Type	Temp	Bar	PSI
FPM	5°F / -15°C	240.5	3488
HNBR	-22°F / -30°C	243.2	3527
FPM	284°F / +140°C	199	2886
HNBR	212°F / +100°C	202.9	2943



Gripping Action for Rapid Installation

A system of aluminum piping and fittings that offers fast installation and exceptionally secure joints.

The internal nut and dynamic gripping ring ensure there is no way to separate the pipe from the fittings. This innovative fitting is small and light, making this system one of the most powerful methods for transporting air, gases, and liquids. The plastic ring conveniently identifies the fluid and working pressure for each system.

Sizes $\frac{3}{4}$ " to $3\frac{1}{2}$ " (20mm—90mm)

- | | |
|--------------------------------|---------------------------|
| 1. Aluminum Nut | 4. HNBR O-Ring |
| 2. Colored Identification Ring | 5. Machined Aluminum Body |
| 3. Stainless Steel Clamp Ring | |



Sizes $4\frac{1}{2}$ " to 6" 110mm—160mm

- | |
|--------------------------------|
| 1. Stainless Steel Clamp Ring |
| 2. Half Clamp Body Ring |
| 3. HNBR O-Ring |
| 4. Colored Identification Mark |
| 5. Machined Aluminum Body |
| 6. Bolts |

UnipipeEZ Fittings

Sizes 8" to 10" (200mm—250mm)

- | |
|--------------------------------|
| 1. Clamp Body Ring |
| 2. HNBR O-Ring |
| 3. Colored Identification Mark |
| 4. Machined Aluminum Body |
| 5. Bolts |

Joins factory-formed Socket to Spigot opening with hinged coupling.
Socket end inserts and joins spigot end of the factory-formed pipe.



UnipipeEZ Hinged Coupling

Sizes $4\frac{1}{2}$ " to 10" (110mm—250mm)

Joins factory-formed pipe, Socket to Spigot.

Flow Rate Distance from compressor to furthest outlet / 100 PSI with 4% allowed pressure loss

NI/min	Nm3/h	cfm	80'	160'	320'	500'	650'	1000'	1300'	1600'	3300'	4900'	6500'
230	14	8	20	20	20	20	20	20	20	20	25	25	25
650	39	23	20	20	20	25	25	25	32	32	32	40	40
900	54	32	20	20	25	25	32	32	32	32	40	40	40
1200	72	42	25	25	25	32	32	32	32	40	40	50	50
1750	105	62	25	25	32	32	32	40	40	40	50	50	63
2000	120	71	32	32	32	32	40	40	40	40	50	63	63
2500	150	88	32	32	32	40	40	40	50	50	63	63	63
3000	180	106	32	32	40	40	40	50	50	50	63	63	63
3500	210	123	40	40	40	40	50	50	50	50	63	63	75
4500	270	159	40	40	40	50	50	50	63	63	63	75	75
6000	360	212	50	50	50	50	50	63	63	63	75	75	90
7000	420	247	50	50	50	50	63	63	63	75	75	90	90
8500	510	300	63	63	63	63	63	63	75	75	90	90	90
12000	720	424	63	63	63	63	75	75	75	90	90	110	110
15000	900	530	75	75	75	75	75	90	90	90	110	110	140
18000	1080	635	75	75	75	75	75	90	90	90	110	140	140
21000	1260	741	90	90	90	90	90	90	90	110	110	140	140
26000	1559	918	90	90	90	90	90	110	110	110	140	140	140
31000	1859	1095	110	110	110	110	110	110	110	110	140	140	160
33000	1979	1165	110	110	110	110	110	110	110	140	140	140	160
44000	2639	1554	140	140	140	140	140	140	140	140	160	160	200
50000	2999	1766	140	140	140	140	140	140	140	140	160	200	200
58000	3479	2048	140	140	140	140	140	140	140	160	160	200	200
67000	4019	2366	160	160	160	160	160	160	160	160	200	200	200
75000	4499	2648	160	160	160	160	160	160	160	160	200	200	200
83000	4979	2931	160	160	160	160	160	160	160	160	200	200	250
92000	5519	3249	200	200	200	200	200	200	200	200	200	250	250
100000	5999	3531	200	200	200	200	200	200	200	200	200	250	250
125000	7500	4414	200	200	200	200	200	200	200	200	250	250	250
150000	9000	5297	250	250	250	250	250	250	250	250	250	250	
200000	12000	7062	250	250	250	250	250	250	250	250	250		
208333	12500	7357	250	250	250	250	250	250	250	250			
250000	15000	8828	250	250	250	250	250	250	250	250			

The pipe length shown in the table refers to an installation with a single mainline. In the case of a ring main installation, with pipes of the same diameter and length, the pressure losses will be reduced by 50% and will increase the stability of the whole system.

- Velocity less than 20 feet per second
- Velocity from 20 - 33 feet per second
- Velocity from 33 - 50 feet per second (not recommended)

UnipipeAIR Pipe 232 PSI

Part No.	Size mm	Size Inches	Wall Thickness mm	Length m	Length Feet	Weight
UATT0.020600	20	¾	1.0	5.8	19	2.1 lbs.
UATT0.025600	25	1	1.1	5.8	19	2.9 lbs.
UATT0.032600	32	1¼	1.2	5.8	19	4.1 lbs.
UATT0.040600	40	1½	1.3	5.8	19	5.7 lbs.
UATT0.050600	50	2	1.4	5.8	19	7.7 lbs.
UATT0.063600	63	2½	1.8	5.8	19	12.4 lbs.
UATT0.075600	75	3	2	5.8	19	17.9 lbs.
UATT0.090600	90	3½	2.4	5.8	19	23.8 lbs.



UnipipeEZ Pipe 232 PSI

Part No.	Size mm	Size Inches	Wall Thickness mm	Length m	Length Feet	Weight
UARS0.110600	110	4 1/2	3.0	5.8	19	35.7 lbs.
UARS0.160600	160	6	4.3	5.8	19	75.4 lbs.
UARS0.200600	200	8	4	5.8	19	89.3 lbs.
UARS0.250600	250	10	5	5.8	19	141 lbs.



UnipipeAIR Pipe UPS Shipping 232 PSI

Part No.	Size mm	Size Inches	Wall Thickness mm	Length m	Length Feet	Weight
CUATT0.020250	20	¾	1.0	2.5	8	0.9 lbs.
CUATT0.025250	25	1	1.1	2.5	8	1.2 lbs.
CUATT0.032250	32	1¼	1.2	2.5	8	1.7 lbs.
CUATT0.040250	40	1½	1.3	2.5	8	2.4 lbs.
CUATT0.050250	50	2	1.4	2.5	8	3.2 lbs.
CUATT0.063250	63	2½	1.8	2.5	8	5.2 lbs.



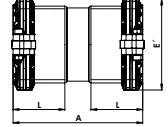
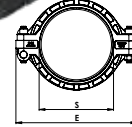
Straight Coupling 232 PSI

Part No.	Size Ømm	Size Inches	A	L	E	S	Weight
UACC0.020020	20	¾	70	35	37	29	2.5 oz
UACC0.025025	25	1	75	37	42	36	3.4 oz
UACC0.032032	32	1¼	94	46	51	43	6.1 oz
UACC0.040040	40	1½	117	57	63	53	11.9 oz
UACC0.050050	50	2	138	68	78.5	66	1.2 lbs
UACC0.063063	63	2½	173	83	95	82	2.2 lbs
UACC0.075075	75	3	174	85.4	108	100	2.4 lbs
UACC0.090090	90	3½	190	93	132	118	3.9 lbs
UACC0.110110	110	4½	150	73	206	154	4.8 lbs
UACC0.160160	160	6	272	133.5	266	221	17.2 lbs



UnipipeEZ Full Couplings Socket x Socket 145 PSI

Part No.	Size mm	Size Inches	A	E	L	Weight
UARR0.200200	200	8	89.7	206.5	40	16 lbs
UARR0.250250	250	10	106	258	42.5	26.6 lbs



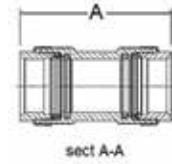
UnipipeEZ Hinged Coupling Socket x Spigot 145 PSI

Part No.	Size mm	Size Inches	Length mm	Width mm	Height mm	Weight
UARR2.110110	110	4½	41	136	185	1 lbs
UARR2.160160	160	6	54	199	265	2.6 lbs
UARR2.200200	200	8	66	249	330	5 lbs
UARR2.250250	250	10	81	309	410	9 lbs



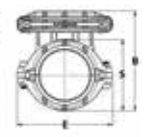
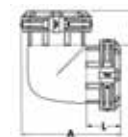
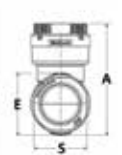
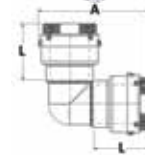
Sliding Straight Coupling 232 PSI

Part No.	Size mm	Size Inches	A	E	S	Weight
UACC1.020020	20	¾	70	37	29	2.5 oz
UACC1.025025	25	1	75	42	36	3.4 oz
UACC1.032032	32	1¼	94	51	33	6.1 oz
UACC1.040040	40	1½	117	63	53	11.9 oz
UACC1.050050	50	2	138	78.5	66	1.2 lbs
UACC1.063063	63	2½	173	95	82	2.2 lbs
UACC1.075075	75	3	174	108	100	2.4 lbs
UACC1.090090	90	3½	190	132	118	3.9 lbs



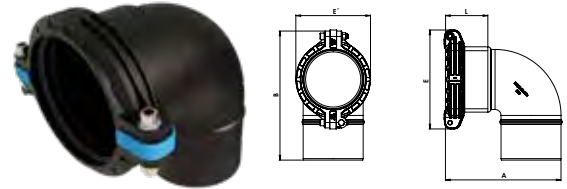
90° Elbow 232 PSI

Part No.	Size mm	Size Inches	A	E	L	S	Weight
UACC9.020020	20	¾	60	37	35	29	3 oz
UACC9.025025	25	1	76	42	37	36	4 oz
UACC9.032032	32	1¼	90	51	46	43	7.2 oz
UACC9.040040	40	1½	112	63	57	53	1.2 lbs
UACC9.050050	50	2	143	79	68	66	1.5 lbs
UACC9.063063	63	2½	168	95	83	82	2.4 lbs
UACC9.075075	75	3	190	108	85	100	2.8 lbs
UACC9.090090	90	3½	219	132	93	118	5.5 lbs
UACC9.110110	110	4½	214	206	73	154	7.6 lbs
UACC9.160160	160	6	352	266	133.5	221	25.2 lbs



UnipipeEZ 90° Elbow Socket x Spigot 145 PSI

Part No.	Size mm	Size Inches	A	E	L	B	Weight
UARS9.200200	200	8	389	330	142.6	434	13.8 lbs
UARS9.250250	250	10	479	410	177.4	541	21.2 lbs



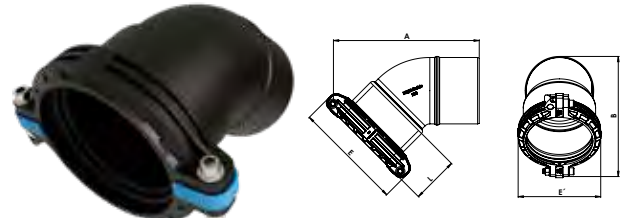
45° Elbow 232 PSI

Part No.	Size mm	Size Inches	A	B	E	L	S	Weight
UACC4.020020	20	¾	85	59	37	35	29	3.2 oz
UACC4.025025	25	1	95	68	42	37	36	3.9 oz
UACC4.032032	32	1¼	119	84	51	46	43	7.2 oz
UACC4.040040	40	1½	141	101	63	57	53	12 oz
UACC4.050050	50	2	171	124	78.5	68	66	1.4 lbs
UACC4.063063	63	2½	207	150	95	83	82	2.3 lbs
UACC4.075075	75	3	213	161	108	85.5	100	2.6 lbs
UACC4.090090	90	3½	238	189	132	93	118	4.2 lbs
UACC4.110110	110	4½	222	194	206	73	154	5.7 lbs
UACC4.160160	160	6	358	296.5	265	133.5	221	16.6 lbs



UnipipeEZ 45° Elbow Socket x Spigot 145 PSI

Part No.	Size mm	Size Inches	A	E	L	B	Weight
UARS4.200200	200	8	448.5	330	142.6	365	11.2 lbs
UARS4.250250	250	10	560	410	177.4	428	17.8 lbs



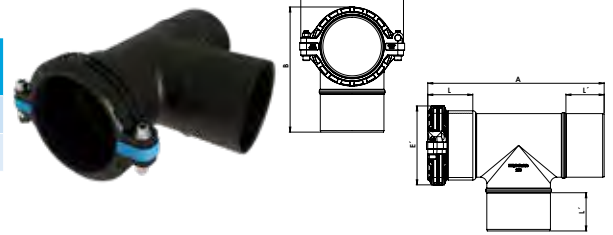
Equal Tee 232 PSI

Part No.	Size mm	Size Inches	A	B	E	L	S	Weight
UACCT.020020	20	¾	101	68	37	35	29	4.3 oz
UACCT.025025	25	1	111	75	42	37	36	5.7 oz
UACCT.032032	32	1¼	136	93	51	46	43	10.3 oz
UACCT.040040	40	1½	162	110	63	57	53	1 lb
UACCT.050050	50	2	206	141	78.5	68	66	2 lbs
UACCT.063063	63	2½	230	160	95	83	82	3.1 lbs
UACCT.075075	75	3	260	219.9	108	85	100	4 lbs
UACCT.090090	90	3½	306	217	132	93	118	7.5 lbs
UACCT.110110	110	4½	277	214	206	73	154	10 lbs
UACCT.160160	160	6	484	352	265	133.5	221	36.7 lbs



UnipeEZ Equal Tee Socket x Spigot x Spigot 145 PSI

Part No.	Size mm	Size Inches	A	E	L	B	Weight
UARST.200200	200	8	538	223	381	396	21.2 lbs
UARST.250250	250	10	670	278	476	461	31.2 lbs



UnipeEZ Saddle Branch Saddle x Socket 145 PSI

Part No.	Size mm	Size Inches	Length mm	Width mm	Height mm	Weight
UCHC0.200110	200	8 x 4 1/2"	206	301	385	12.8 lbs
UCHC0.250160	250	10 x 6"	266	406	446	26.3 lbs



Tee with FNPT Branch Line 232 PSI

Part No.	Size mm	Size Inches	A	B	E	L	S	Weight
UACFT.020015N	20 x 20 x 1/2"	3/4 x 3/4 x 1/2	101	48	37	35	29	3.4 oz
UACFT.025020N	25 x 25 x 3/4"	1 x 3/4 x 1	111	57	42	37	36	4.7 oz
UACFT.032025N	32 x 32 x 1"	1 1/4 x 1 1/4 x 1	136	70	51	46	43	7.8 oz
UACFT.040032N	40 x 40 x 1 1/4"	1 1/2 x 1 1/2 x 1 1/4	162	78	63	57	53	12.8 oz
UACFT.050040N	50 x 50 x 1 1/2"	2 x 2 x 1 1/2	206	95	78.5	66	66	1.6 lbs
UACFT.063050N	63 x 63 x 2"	2 1/2 x 2 1/2 x 2	230	114	95	83	82	2.5 lbs



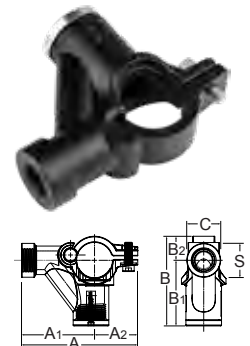
Branch (pipe x pipe) 580 PSI

Part No.	Size mm	Size Inches	A	A1	A2	B	B1	B2	C	S	Weight
UCIC0.025020	25 x 20	1 x 3/4	113	76.5	36.5	70	52.5	17.5	33	29	5.8 oz
UCIC0.032020	32 x 20	1 1/4 x 3/4	126	83.5	42.5	81	59.5	21.5	33	29	6.6 oz
UCIC0.040020	40 x 20	1 1/2 x 3/4	142	94	48	100	73	27	38	29	12.3 oz
UCIC0.040025	40 x 25	1 1/2 x 1	143	95	48	100	73	27	38	36	11.4 oz
UCIC0.050020	50 x 20	2 x 3/4	150	94.5	55.5	112	80.5	31.5	38.5	29	13.7 oz
UCIC0.050025	50 x 25	2 x 1	150	94.5	55.5	112.5	80.5	31.5	38.5	36	1.3 lbs
UCIC0.063020	63 x 20	2 1/2 x 3/4	172	108	64	131.5	92	39.5	38	29	1.3 lbs
UCIC0.063025	63 x 25	2 1/2 x 1	174	110	64	131.5	92	39.5	38	36	1.2 lbs



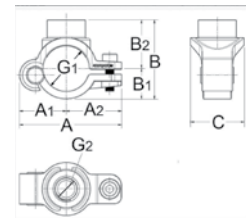
Female Threaded Branch 580 PSI

Part No.	Size mm	Size Inches	A	A1	A2	B	B1	B2	C	S	Weight
UCIF0.025015N	25 x 1/2"	1 x 1/2	113	76.5	36.5	70	52.5	17.5	33	29	5.8 oz
UCIF0.032015N	32 x 1/2"	1 1/4 x 1/2	126	83.5	42.5	81	59.5	21.5	33	29	6.6 oz
UCIF0.040015N	40 x 1/2"	1 1/2 x 1/2	142	94	48	100	73	27	38	29	12.3 oz
UCIF0.040020N	40 x 3/4"	1 1/2 x 3/4	143	95	48	100	73	27	38	36	11.4 oz
UCIF0.050015N	50 x 1/2"	2 x 1/2	150	94.5	55.5	112	80.5	31.5	38.5	29	13.7 oz
UCIF0.050020N	50 x 3/4"	2 x 3/4	150	94.5	55.5	112.5	80.5	31.5	38.5	36	1.3 lbs
UCIF0.063015N	63 x 1/2"	2 1/2 x 1/2	172	108	64	131.5	92	39.5	38	29	1.3 lbs
UCIF0.063020N	63 x 3/4"	2 1/2 x 3/4	174	110	64	131.5	92	39.5	38	36	1.2 lbs



Saddle Branch (pipe x FNPT) 580 PSI/232 PSI

Part No.	Size mm	Size Inches	PSI	A	A1	A2	B	B1	B2	C	Weight
UCHF0.025015N	25 x 1/2"	1 x 1/2	580	62	25	37	51	17.5	17.5	33	2.5 oz.
UCHF0.032015N	32 x 1/2"	1 1/4 x 1/2	580	75	32	42.5	57.5	21.5	21.5	33	3.2 oz
UCHF0.040015N	40 x 1/2"	1 1/2 x 1/2	580	89.5	41	48.5	69.5	27	27	47	5.7 oz
UCHF0.040020N	40 x 3/4"	1 1/2 x 3/4	580	89.5	41	48.5	69.5	27	27	47	5.4 oz
UCHF0.050015N	50 x 1/2"	2 x 1/2	580	102	46.5	55.5	84	32	32	47	7.7 oz
UCHF0.050020N	50 x 3/4"	2 x 3/4	580	102	46.5	55.5	84	32	32	47	7.2 oz
UCHF0.050025N	50 x 1"	2 x 1	580	102	46.5	55.5	84	32	32	47	6.6 oz
UCHF0.063015N	63 x 1/2"	2 1/2 x 1/2	580	122	58	64	99	40	40	58	12.9 oz
UCHF0.063020N	63 x 3/4"	2 1/2 x 3/4	580	122	58	64	99	40	40	58	12.6 oz
UCHF0.063025N	63 x 1"	2 1/2 x 1	580	122	58	64	99	40	40	58	11.8 oz
UCHF0.075025N	75 x 1"	3 x 1	232	121.6	67.8	53.8	110.5	44.8	65.7	60	9.9 oz
UCHF0.075050N	75 x 2"	3 x 2	232	121.6	67.8	53.8	122.1	44.8	77.3	80	14.1 oz
UCHF0.090025N	90 x 1"	3 1/2 x 1	232	159.5	71.5	88	130	53	53	66	1.1 lbs
UCHF0.090050N	90 x 2"	3 1/2 x 2	232	159.5	71.5	88	130	53	53	66	1.3 lbs
UCHF0.110025N	110 x 1"	4 1/2 x 1	232	179.5	81	98	150	65	65	66	1.3 lbs
UCHF0.110050N	110 x 2"	4 1/2 x 2	232	179.5	81	98	150	65	65	80	2.5 lbs
UCHF0.110075N	110 x 3"	4 1/2 x 3	232	179.5	81	98	150	65	65	122	3.4 lbs
UCHF0.160050N	160 x 2"	6 x 2	232	263	120.5	142.5	210.5	91.5	119	121	4.3 lbs
UCHF0.160075N	160 x 3"	6 x 3	232	263	120.5	142.5	227	91.5	135.5	122	4.4 lbs



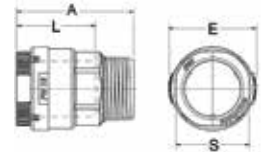
Reducing Bushing

Part No.	Size	Description
PBMV.015008N	1/2" x 1/4"	Reducing Bushing - Brass
PBMV.015010N	1/2" x 3/8"	Reducing Bushing - Brass
PBMV.020015N	3/4" x 1/2"	Reducing Bushing - Galvanized
PBMV.025015N	1" x 1/2"	Reducing Bushing - Galvanized
PBMV.025020N	1" x 3/4"	Reducing Bushing - Galvanized
PBMV.032020N	1 1/4" x 3/4"	Reducing Bushing - Galvanized
PBMV.032025N	1 1/4" x 1"	Reducing Bushing - Galvanized
PBMV.040025N	1 1/2" x 1"	Reducing Bushing - Galvanized
PBMV.040032N	1 1/2" x 1 1/4"	Reducing Bushing - Galvanized
PBMV.050025N	2" x 1"	Reducing Bushing - Galvanized
PBMV.050032N	2" x 1 1/4"	Reducing Bushing - Galvanized
PBMV.050040N	2" x 1 1/2"	Reducing Bushing - Galvanized
PBMV.075040N	3" x 1 1/2"	Reducing Bushing - Galvanized
PBMV.075050N	3" x 2"	Reducing Bushing - Galvanized



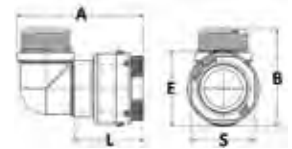
MNPT Adapter 232 PSI

Part No.	Size mm	Size Inches	A	E	S	L	Weight
UACM0.020015N	20 x 1/2"	3/4 x 1/2	49	37	29	35	1.4 oz
UACM0.020020N	20 x 3/4"	3/4 x 3/4	51.5	37	29	35	1.4 oz
UACM0.025015N	25 x 1/2"	1 x 1/2	55	42	36	37	2 oz
UACM0.025020N	25 x 3/4"	1 x 3/4	55	42	36	37	2 oz
UACM0.025025N	25 x 1"	1 x 1	60.5	42	36	37	2 oz
UACM0.032025N	32 x 1"	1 1/4 x 1	68	51	43	46	3.9 oz
UACM0.032032N	32 x 1 1/4"	1 1/4 x 1 1/4	70	51	43	46	3.9 oz
UACM0.040032N	40 x 1 1/4"	1 1/2 x 1 1/4	81	63	53	57	6.5 oz
UACM0.040040N	40 x 1 1/2"	1 1/2 x 1 1/2	81	63	53	57	6.5 oz
UACM0.050040N	50 x 1 1/2"	2 x 1 1/2	92	78.5	66	68	11.2 oz
UACM0.050050N	50 x 2"	2 x 2	95.5	78.5	66	68	11.2 oz
UACM0.063050N	63 x 2"	2 1/2 x 2	119	95	82	83	1.2 lbs
UACM0.063063N	63 x 2 1/2"	2 1/2 x 2 1/2	121	95	82	83	1.2 lbs
UACM0.075063N	75 x 2 1/2"	3 x 2 1/2	122.9	108	100	85.4	1.4 lbs
UACM0.075075N	75 x 3"	3 x 3	122.9	108	100	85.4	1.5 lbs
UACM0.090075N	90 x 3"	3 1/2 x 3	130	132	118	93	2.2 lbs



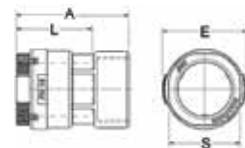
90° with MNPT 232 PSI

Part No.	Size mm	Size Inches	A	B	E	L	S	Weight
UACM9.020015N	20 x 1/2"	3/4 x 1/2	62	48	37	35	29	1.8 oz
UACM9.025015N	25 x 1/2"	1 x 1/2	67	56	42	37	36	2.5 oz
UACM9.025020N	25 x 3/4"	1 x 3/4	67	57	42	37	36	2.6 oz
UACM9.032025N	32 x 1"	1 1/4 x 1	87	70	51	46	43	4.9 oz
UACM9.040032N	40 x 1 1/4"	1 1/2 x 1 1/4	105	80	63	57	53	9 oz
UACM9.040040N	40 x 1 1/2"	1 1/2 x 1 1/2	105	78	63	57	53	10 oz
UACM9.040050N	40 x 2"	1 1/2 x 2	111	85	63	57	53	11 oz
UACM9.050040N	50 x 1 1/2"	2 x 1 1/2	126	95	78.5	66	66	14.8 oz
UACM9.063050N	63 x 2"	2 1/2 x 2	159	114	95	83	82	1.8 lbs



FNPT Adapter 232 PSI

Part No.	Size mm	Size Inches	A	E	L	S	Weight
UACF0.020015N	20 x 1/2"	3/4 x 1/2	55	37	35	29	2 oz
UACF0.025020N	25 x 3/4"	1 x 3/4	57	42	37	36	2.3 oz
UACF0.032025N	32 x 1"	1 1/4 x 1	69	51	46	43	4.1 oz
UACF0.040032N	40 x 1 1/4"	1 1/2 x 1 1/4	80	63	57	53	8.1 oz
UACF0.050040N	50 x 1 1/2"	2 x 1 1/2	95	78	66	66	11.6 oz
UACF0.063050N	63 x 2"	2 1/2 x 2	120	95	83	82	1.4 lbs



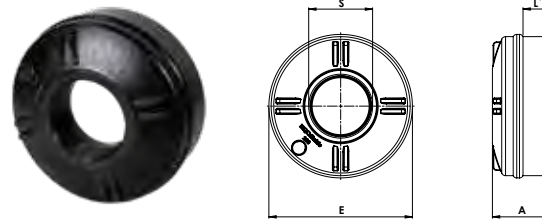
Reducer (fitting x pipe) 232 PSI

Part No.	Size Fitting d1 mm	Size Outlet d2 mm	Size Fitting d1 Inches	Size Outlet d2 Inches	A	E	L	S	Weight
UASC0.025020	25	20	1	¾	46	33	35	29	1.8 oz
UASC0.032025	32	25	1¼	1	52.6	42	37	36	2.9 oz
UASC0.040020	40	20	1½	¾	59.5	52	35	29	5.4 oz
UASC0.040025	40	25	1½	1	60.6	52	37	36	6.1 oz
UASC0.040032	40	32	1½	1¼	54.6	52	46	43	4.2 oz
UASC0.050032	50	32	2	1¼	88	64.8	46	43	12 oz
UASC0.050040	50	40	2	1½	73	64.8	57	53	8.5 oz
UASC0.063040	63	40	2½	1½	86.3	79.5	57	53	13.9 oz
UASC0.063050	63	50	2½	2	84	79.5	68	66	14.7 oz
UASC0.075063	75	63	3	2½	93	108	85	100	1.3 lbs
UASC0.090063	90	63	3½	2½	111.8	114	83	82	2.5 lbs
UASC0.090075	90	75	3½	3	115	114	85.4	100	2.3 lbs
UASC0.110090	110	90	4½	3½	117	123	93	118	2.8 lbs
UASC0.160110	160	110	6	4½	175	200	73	154	5.7 lbs



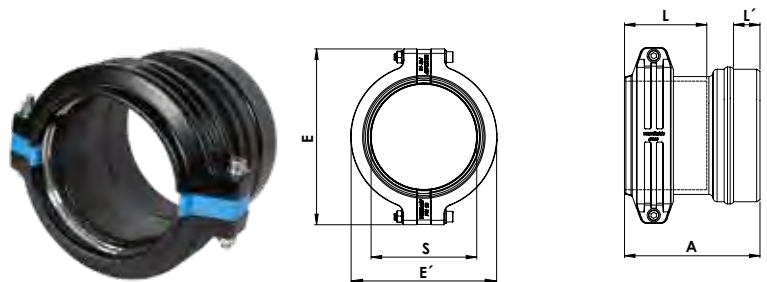
UnipipeEZ Threaded Reducer 3" FNPT Spigot x FNPT 145 PSI

Part No.	Pipe Size mm	Thread Size Inches	Weight
UASF0.200075N	200	8 x 3" FNPT	4.4 lbs
UASF0.250075N	250	10 x 3" FNPT	6.2 lbs



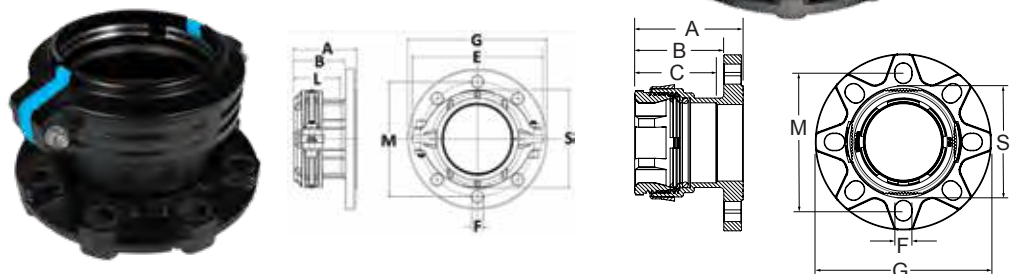
UnipipeEZ Reducer Spigot x Socket 145 PSI

Part No.	Pipe Size mm	Size Inches	Reduced Size In	Weight
UASC0.200160	200	8	6	8.1 lbs
UASC0.250160	250	10	6	10.2 lbs
UASC0.250200	250	10	8	12.6 lbs



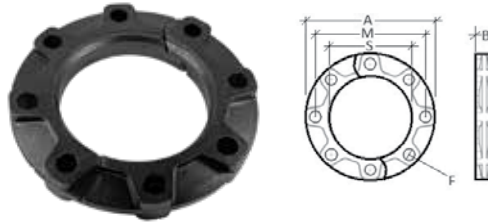
Flange Adapter 232 PSI

Part No.	Pipe Size mm	Size Inches	A	B	E	F	G	M	L	S	Weight
UACJF.090075	90 x 3"	3½ x 3	124	102	127	18	198	165	100	130	4.0 lbs
UACJF.110100	110 x 4"	4½ x 4	99	79	206	20	220	190	75	154	5.5 lbs
UACJF.160150	160 x 6"	6 x 6	184	171	221	23.5	283	240.5	133.5	221	16.4 lbs



Special Flange (fitting x flange adapter) Elbow or Tee 232 PSI (16 bar)

Part No.	Pipe Size mm	Pipe Size Inches	Weight
UAZJF.110100	110	4½	2.8 lbs
UAZJF.160150	160	6	4.6 lbs



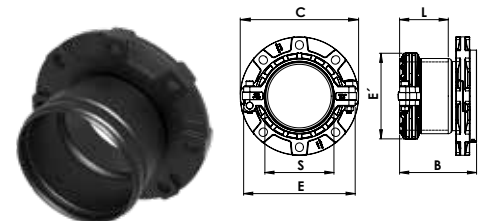
Chamfer Ring Insets

Part No.	Size mm	Size Inches	Description	Weight
CRE160	160	6	Chamfer Ring Inset 160mm	2.8 oz
CRE200	200	8	Chamfer Ring Inset 200mm	2.8 oz
CRE250	250	10	Chamfer Ring Inset 250mm	3.4 oz



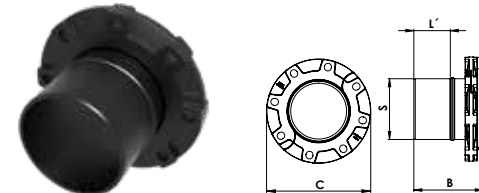
UnipipeEZ Female Flange Adapter (Socket) 145 PSI

Part No.	Pipe Size mm	Pipe Size Inches	A	B	C	D	E	L	Weight
UARJF.200200	200	8	206.3	266	40	20	343	124.3	19.6 lbs
UARJF.250250	250	10	248	314	45	22	410	153.7	27.8 lbs



UnipipeEZ Male Flange Adapter (Spigot) 145 PSI

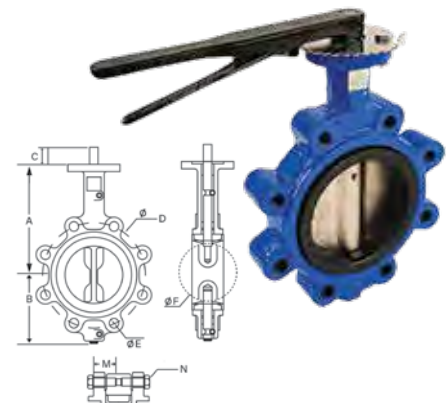
Part No.	Pipe Size mm	Pipe Size Inches	A	B	C	D	E	L	Weight
UARJS.200200	200	8	229	266	40	20	343	119.4	20.8 lbs
UARJS.250250	250	10	281.7	314	45	22	410	151.4	29.9 lbs



Butterfly Valves 232 PSI

Lug Style - Epoxy Coated Iron Body with EPDM Seal (Kit Includes Bolts)

Part No.	Size	A	B	C	D	F	M	N	Weight
PP703001	3"	7.13	3.74	1.26	6	3.1	1.5	5/8-11UNC	11 lbs
PP703002	4"	7.87	4.49	1.26	7.5	4.09	1.75	5/8-11UNC	20 lbs
PP703004	6"	8.9	5.47	1.26	9.51	6.13	2	3/4-10UNC	31 lbs
PP703005	8"	10.24	6.89	1.61	11.75	7.97	2	3/4-10UNC	40 lbs
PP703006	10"	11.5	3.74	1.26	6	9.86	2.25	7/8-9UNC	59 lbs



Ball Valve (pipe x pipe) 232 PSI

Part No.	Pipe - Pipe mm	Pipe - Pipe Inches	A	B	E	G	L	Weight
UACCV.020020	20	¾	131	73	40	99	35	8.1 oz
UACCV.025020	25 x 20	1 x ¾	131	73	40	102	37	8.4 oz
UACCV.025025	25	1	150	87	50	110.5	37	13.4 oz
UACCV.032032	32	1¼	203	111	61	137	46	1.5 lbs
UACCV.040040	40	1½	213	121	72	169	57	2.1 lbs
UACCV.050050	50	2	282	156	89	200	68	3.5 lbs
UACCV.063063	63	2½	306	176	109	253.5	83	6 lbs



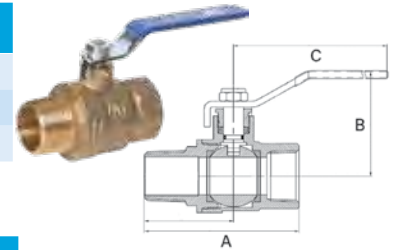
Ball Valve - (pipe x MNPT) 232 PSI

Part No.	Pipe mm - Thread	Pipe Inches - Thread	A	B	E	G	L	S	Weight
UACMV.020015N	20 x 1/2"	3/4 x 1/2	131	73	40	94	35	29	7.4 oz
UACMV.025020N	25 x 3/4"	1 x 3/4	150	87	50	104.5	37	36	12.2 oz
UACMV.032025N	32 x 1"	1 1/4 x 1	203	111	61	132	46	43	1.3 lbs
UACMV.040032N	40 x 1 1/4"	1 1/2 x 1 1/4	213	121	72	145.5	57	53	1.9 lbs
UACMV.050040N	50 x 1 1/2"	2 x 1 1/2	282	156	89	187.5	68	66	3.2 lbs
UACMV.063050N	63 x 2"	2 1/2 x 2	306	176	109	217	83	82	5.5 lbs



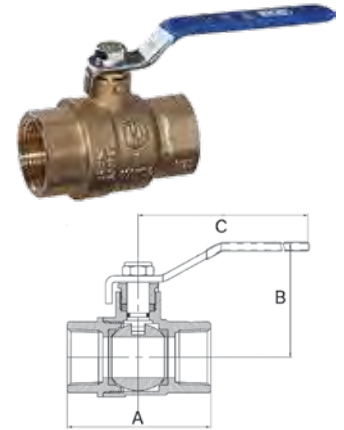
Brass Ball Valves - Male x Female 600 PSI

Part No.	Size	Description	A (in)	B (in)	C (in)	Weight
6510120	1/2" NPT	1/2" Male x Female, Full Flow Type	2.5	1.81	3.46	7.2 oz
6510160	3/4" NPT	3/4" Male x Female, Full Flow Type	3	2.09	4.29	12.3 oz
6510200	1" NPT	1" Male x Female, Full Flow Type	3.27	2.25	4.29	1.2 lbs



Brass Ball Valves - Female x Female 600 PSI

Part No.	Size	Description	A (in)	B (in)	C (in)	Weight
6510100	1/2" NPT	1/2" Female x Female, Full Flow Type	2.24	1.81	3.46	7 oz
6510140	3/4" NPT	3/4" Female x Female, Full Flow Type	2.52	2.09	4.29	12 oz
6510180	1" NPT	1" Female x Female, Full Flow Type	2.97	2.25	4.29	1.1 lbs
6510220	1 1/4" NPT	1 1/4" Female x Female, Full Flow Type	3.44	2.52	5.63	1.7 lbs
6510240	1 1/2" NPT	1 1/2" Female x Female, Full Flow Type	3.88	2.74	5.63	2.3 lbs
6510260	2" NPT	2" Female x Female, Full Flow Type	4.3	3.03	5.63	3.4 lbs
6510270	2 1/2" NPT	2 1/2" Female x Female, Full Flow Type	5.53	4.25	7.76	7.4 lbs
6510280	3" NPT	3" Female x Female, Full Flow Type	6.14	4.58	8.19	9.9 lbs



Locking Ball Valve Handle

Part No.	Size mm	Size Inches	Description
LBVHE20	20	3/4	Locking Ball Valve Handle
LBVHE25	25	1	Locking Ball Valve Handle
LBVHE32	32	1 1/4	Locking Ball Valve Handle
LBVHE40	40	1 1/2	Locking Ball Valve Handle
LBVHE50	50	2	Locking Ball Valve Handle
LBVHE63	63	2 1/2	Locking Ball Valve Handle



Wall Mounted Drop End 232 PSI

Part No.	Inlet Ømm spigot	Outlet G	No of outlets	A	B	F	G	M	Weight
UASFS.025015N	25	1/2"	1	99	72	6	24	83	5.1 oz
UASFD.025015N	25	1/2"	2	99	72	6	24	83	5.7 oz



Wall Mounted Drop End Assembly - Single Port 232 PSI

Part No.	Size mm	Size Inches	Description	Weight
UASFBS.020015N	20	¾	Wall Mounted Drop End Assembly - Single Port UnipipeAIR	13.5 oz
UASFBS.025015N	25	1	Wall Mounted Drop End Assembly - Single Port UnipipeAIR	19.2 oz

Assemblies Consist of:

UASFBS.020015N **UASFBS.025015N**
 (1) UASFS.025015N (1) UASFS.025015N
 (1) UACCV.025020 (1) UACCV.025025



Wall Mounted Drop End Assembly - Double Port 232 PSI

Part No.	Size mm	Size Inches	Description	Weight
UASFDB.020015N	20	¾	Wall Mounted Drop End Assembly - Double Port UnipipeAIR	14.1 oz
UASFDB.025015N	25	1	Wall Mounted Drop End Assembly - Double Port UnipipeAIR	19.2 oz

Assemblies Consist of:

UASFDB.020015N **UASFDB.025015N**
 (1) UASFD.025015N (1) UASFD.025015N
 (1) UACCV.025020 (1) UACCV.025025



Wall Mounted Drop End Assembly - Single Port with Quick Disconnect 232 PSI

Part No.	Size mm	Size Inches	Description	Weight
UASFBSQ.020015N	20	¾	Wall Mounted Drop End Assembly - Single Port with Quick Disconnect UnipipeAIR	20.8 oz
UASFBSQ.025015N	25	1	Wall Mounted Drop End Assembly - Single Port with Quick Disconnect UnipipeAIR	27.2 oz

Assemblies Consist of:

UASFBSQ.020015N **UASFBSQ.025015N**
 (1) UASFS.025015N (1) UASFS.025015N
 (1) UACCV.025020 (1) UACCV.025025
 (1) UAQDCM.250500 (1) UAQDCM.250500



Wall Mounted Drop End Assembly - Double Ports with Quick Disconnects 232 PSI

Part No.	Size mm	Size Inches	Description	Weight
UASFDBQ.020015N	20	¾	Wall Mounted Drop End Assembly - Double Port with Quick Disconnect UnipipeAIR	30.4 oz
UASFDBQ.025015N	25	1	Wall Mounted Drop End Assembly - Double Port with Quick Disconnect UnipipeAIR	35.2 oz

Assemblies Consist of:

UASFDB.020015N **UASFDB.025015N**
 (1) UASFD.025015N (1) UASFD.025015N
 (1) UACCV.025020 (1) UACCV.025025
 (2) UAQDCM.250500 (2) UAQDCM.250500



Wall Mounted Drop End Adapter Plate Includes Hardware

Part No.	Description	Weight
UAWMDA.375	Wall Mounted Drop End Adapter Plate	1 lbs



Universal Quick Disconnect Coupling - Male 600 PSI

Part No.	Description	Weight
UAQDCM.250250	Universal Quick Disconnect Coupling - 1/4" Body and 1/4" Male NPT Threads	4 oz
UAQDCM.250375	Universal Quick Disconnect Coupling - 1/4" Body and 3/8" Male NPT Threads	6 oz
UAQDCM.250500	Universal Quick Disconnect Coupling - 1/4" Body and 1/2" Male NPT Threads	8 oz
UAQDCM.500500	Universal Quick Disconnect Coupling - 1/2" Body and 1/2" Male NPT Threads	10 oz



Standard Industrial Quick Disconnect Nipple - Male 600 PSI

Part No.	Description	Weight
UAQDNM.250250	Standard Industrial Quick Disconnect Nipple - 1/4" Body and 1/4" Male NPT Threads	3 oz
UAQDNM.250375	Standard Industrial Quick Disconnect Nipple - 1/4" Body and 3/8" Male NPT Threads	3 oz
UAQDNM.500375	Standard Industrial Quick Disconnect Nipple - 1/2" Body and 3/8" Male NPT Threads	4 oz
UAQDNM.500500	Standard Industrial Quick Disconnect Nipple - 1/2" Body and 1/2" Male NPT Threads	4 oz



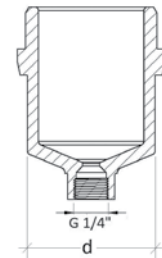
Standard Industrial Quick Disconnect Nipple - Female 600 PSI

Part No.	Description	Weight
UAQDNF.250250	Standard Industrial Quick Disconnect Nipple - 1/4" Body and 1/4" Female NPT Threads	3 oz
UAQDNF.250375	Standard Industrial Quick Disconnect Nipple - 1/4" Body and 3/8" Female NPT Threads	3 oz
UAQDNF.500375	Standard Industrial Quick Disconnect Nipple - 1/2" Body and 3/8" Female NPT Threads	4 oz
UAQDNF.500500	Standard Industrial Quick Disconnect Nipple - 1/2" Body and 1/2" Female NPT Threads	4 oz



Fitting Plug with Purge Valve

Part No.	Plug mm	Plug Inches	Pressure bar	Pressure PSI	Weight
UASV0.020008	20	3/4	70	1015	1.1 oz
UASV0.025008	25	1	70	1015	1.4 oz
UASV0.032008	32	1 1/4	70	1015	2 oz
UASV0.040008	40	1 1/2	70	1015	3.2 oz
UASV0.050008	50	2	70	1015	5.8 oz
UASV0.063008	63	2 1/2	70	1015	10 oz
UASV0.075008	75	3	16	232	10.9 oz
UASV0.090008	90	3 1/2	16	232	12.1 oz
UASV0.110008	110	4 1/2	16	232	14.5 oz
UASV0.160008	160	6	16	232	2.7 lbs



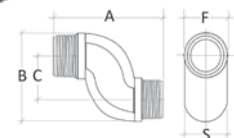
Internal Plug (Spigot) 145 PSI

Part No.	Plug mm	Plug Inches	Pressure BAR	Pressure PSI	Weight
UASV0.200008	200	8	16	232	4.4 lbs
UASV0.250008	250	10	16	232	6.2 lbs



Offset Nipple 1015 PSI

Part No.	G	A	B	C	F	S	Weight
UCMMG.015015N	1/2" x 1/2"	56	40	20	20	19	.9 oz



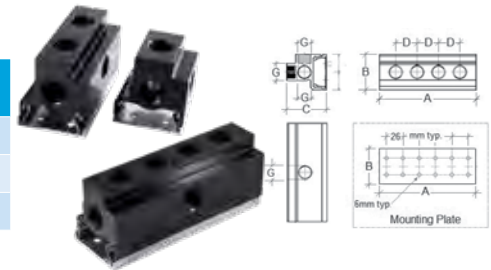
Fitting to Male Threaded Connector 1015 PSI

Part No.	Size mm	Size Inches	Description	A	B	S	Weight
UCSM0.020015N	20 x 1/2"	3/4 x 1/2	Fitting to Male Threaded Connector	45.5	28	25	1.2 oz
UCSM0.025020N	25 x 3/4"	1 x 3/4	Fitting to Male Threaded Connector	50	33	30	1.5 oz
UCSM0.032025N	32 x 1	1 1/4 x 1	Fitting to Male Threaded Connector	63	41.5	38	3.2 oz
UCSM0.040032N	40 x 1 1/4"	1 1/2 x 1 1/4	Fitting to Male Threaded Connector	74	52.5	47	5.9 oz
UCSM0.050040N	50 x 1 1/2"	2 x 1 1/2	Fitting to Male Threaded Connector	87.5	65.5	59	11.5 oz
UCSM0.063050N	63 x 2"	2 1/2 x 2	Fitting to Male Threaded Connector	109	79.5	74	1.25 lbs
UCSM0.075075N	75 x 3"	3 x 3	Fitting to Male Threaded Connector	127	90	100	1.8 oz
UCSM0.090075N	90 x 3"	3 1/2 x 3	Fitting to Male Threaded Connector	134	114	100	2.5 lbs



Wall Mounted Manifold 1015 PSI

Part No.	G	G1	Front Ports	A	B	D	All Ports	Weight
UCFFM.015015N	1/2"	1/2"	1	50	56	-	4	7.1 oz
UCFFN.015015N	1/2"	1/2"	2	102	56	46	5	15.3 oz
UCFFP.015015N	1/2"	1/2"	4	154	56	34	7	1.4 lbs



Drip Leg Valve 360 PSI

Part No.	Size	Description	A (in)	B (in)	Weight
DLVE15N	1/2"	Drip Leg Valve - 1/2 MNPT	1	0.82	1.6 oz



Galvanized Loop Hanger

Part No.	Size mm	Size Inches	Description	Weight
CLH20	20	3/4	20mm Galvanized Loop Hanger	1.2 oz
CLH25	25	1	25mm Galvanized Loop Hanger	1.3 oz
CLH32	32	1 1/4	32mm Galvanized Loop Hanger	1.3 oz
CLH40	40	1 1/2	40mm Galvanized Loop Hanger	1.5 oz
CLH50	50	2	50mm Galvanized Loop Hanger	1.7 oz
CLH63	63	2 1/2	63mm Galvanized Loop Hanger	4.4 oz
CLH75	75	3	75mm Galvanized Loop Hanger	4.9 oz
CLH90	90	3 1/2	90mm Galvanized Loop Hanger	5.4 oz
CLH110	110	4 1/2	110mm Galvanized Loop Hanger	5.9 oz
CLH160	160	6	160mm Galvanized Loop Hanger	10.0 oz



Wire Hangers

Part No.	Size	Description	Weight
AWHG.250010	1/4"	1/4" Stud Crimped onto 5/64" Cable 100lb Load Rated	3.2 oz
AWHG.2SE385010	3/8"	3/8" Stud Side Exit Wire Grip and Looped 5/64" Cable 120lb Load Rated	4.8 oz
AWHG.385010	3/8"	3/8" Stud Crimped onto 5/64" Cable 100lb Load Rated	3.5 oz
AWHG.3SE385010	3/8"	3/8" Stud Side Exit Wire Grip and Looped 1/8" Cable 240lb Load Rated	8 oz



Polypropylene Clips

Part No.	Size mm	Size Inches	Description	Weight
CL 20	20	¾"	Polypropylene Clip	.2 oz
CL 25	25	1"	Polypropylene Clip	.3 oz
CL 32	32	1¼"	Polypropylene Clip	.4 oz
CL 40	40	1½"	Polypropylene Clip	.6 oz
CL 50	50	2"	Polypropylene Clip	.8 oz
CL 63	63	2½"	Polypropylene Clip	1.2 oz
CL 75	75	3"	Polypropylene Clip	3.6 oz
CL 90	90	3½"	Polypropylene Clip	4.4 oz
CL 110	110	4½"	Polypropylene Clip	6.5 oz



CL20-50

Polypropylene Clip Adapters

Part No.	Description	Weight
CLTA.250	Clip Adapter 1/4-20 Thread 20-63mm (adapts Polypropylene Clip to 1/4" Thread)	0.02 oz
CLUA.020050	Unistrut Adapter 20-50mm (adapts Polypropylene Clip to Unistrut)	0.25 oz



CLTA.250



CLUA.020050

Insulated Unistrut Clamps

Part No.	Size mm	Size Inches	Description
CAC20	20	¾"	20mm Insulated Unistrut Clamp
CAC25	25	1"	25mm Insulated Unistrut Clamp
CAC32	32	1¼"	32mm Insulated Unistrut Clamp
CAC40	40	1½"	40mm Insulated Unistrut Clamp
CAC50	50	2"	50mm Insulated Unistrut Clamp
CAC63	63	2½"	63mm Insulated Unistrut Clamp
CAC75	75	3"	75mm Insulated Unistrut Clamp
CAC90	90	3½"	90mm Insulated Unistrut Clamp
CAC110	110	4½"	110mm Insulated Unistrut Clamp
CAC160	160	6"	160mm Insulated Unistrut Clamp



Insulated Zinc Bolted Clip Heads

Part No.	Size mm	Size Inches	Description	Weight
HSBC20M10INS	20	¾"	Insulated Zinc Bolted Clip Head ¾"	2.8 oz
HSBC25M10INS	25	1"	Insulated Zinc Bolted Clip Head 1"	2.8 oz
HSBC32M10INS	32	1¼"	Insulated Zinc Bolted Clip Head 1¼"	3.4 oz
HSBC40M10INS	40	1½"	Insulated Zinc Bolted Clip Head 1½"	3.4 oz
HSBC50M10INS	50	2"	Insulated Zinc Bolted Clip Head 2"	3.5 oz
HSBC63M10INS	63	2½"	Insulated Zinc Bolted Clip Head 2½"	3.9 oz
HSBC75M10INS	75	3"	Insulated Zinc Bolted Clip Head 3"	4.3 oz
HSBC90M10INS	90	3½"	Insulated Zinc Bolted Clip Head 3½"	5.6 oz
HSBC108M10INS	110	4½"	Insulated Zinc Bolted Clip Head 4½"	1.3 lbs
HSBC168M10INS	160	6"	Insulated Zinc Bolted Clip Head 6"	1.5 lbs
HSBC200M10INS	200	8"	Insulated Zinc Bolted Clip Head 8"	3 lbs
HSBC250M10INS	250	10"	Insulated Zinc Bolted Clip Head 10"	3.6 lbs



HSBC

Mounting Accessories

Part No.	Size	Description	Weight
CBC3/8	3/8"	3/8" Galvanized Standard Throat Beam Clamp	4.8 oz
HSCMP10	3/8"	Mounting Plate M10 Female	2.7 oz
HSCMMP10	3/8"	Mounting Plate M10 Male	3.4 oz
HSROD10	3/8"	All thread Zinc Plated	N/A



Filters

Part No.	Size	Description
FOD.025175	1/4" NPT	Filter - 1/4" NPT, 175 PSI Max Inlet Pressure, 10 Micron Element, Overnight Drain, 30ml Capacity
FOD.050175	1/2" NPT	Filter - 1/2" NPT, 175 PSI Max Inlet Pressure, 10 Micron Element, Overnight Drain, 50ml Capacity
FAD.100175	1" NPT	Filter - 1" NPT, 175 PSI Max Inlet Pressure, 10 Micron Element, Automatic Drain, 150ml Capacity

Filter Regulators

Part No.	Size	Description
FROD.025175	1/4" NPT	Filter Regulator - 1/4" NPT, 175 PSI Max Inlet Pressure, 10 Micron Filter, Overnight Drain, 30ml Capacity, 0 - 150 PSI Range with Pressure Gauge
FRAD.050175	1/2" NPT	Filter Regulator - 1/2" NPT, 175 PSI Max Inlet Pressure, 10 Micron Filter, Automatic Drain, 50ml Capacity, 0 - 150 PSI Range with Pressure Gauge
FRAD.100175	1" NPT	Filter Regulator - 1" NPT, 175 PSI Max Inlet Pressure, 10 Micron Filter, Automatic Drain, 150ml Capacity, 0 - 150 PSI Range with Pressure Gauge

Filter Regulator Lubricators

Part No.	Size	Description
FRLOD.025175	1/4" NPT	Filter Regulator Lubricator - 1/4" NPT, 175 PSI Max Inlet Pressure, 10 Micron Filter, Overnight Drain, 30ml Filter Capacity, 40ml Lubricator Capacity 0 - 150 PSI Range with Pressure Gauge
FRLOD.050175	1/2" NPT	Filter Regulator Lubricator - 1/2" NPT, 175 PSI Max Inlet Pressure, 10 Micron Filter, Automatic Drain, 50ml Filter Capacity, 170ml Lubricator Capacity 0 - 150 PSI Range with Pressure Gauge
FRLAD.100175	1" NPT	Filter Regulator Lubricator - 1" NPT, 175 PSI Max Inlet Pressure, 10 Micron Filter, Automatic Drain, 150ml Filter Capacity, 300ml Lubricator Capacity 0 - 150 PSI Range with Pressure Gauge

Regulators

Part No.	Size	Description
RWG.025175	1/4" NPT	Regulator - 1/4" NPT, 0 - 150 PSI Range, 175 PSI Max Inlet Pressure with Pressure Gauge
RWG.050175	1/2" NPT	Regulator - 1/2" NPT, 0 - 150 PSI Range, 175 PSI Max Inlet Pressure with Pressure Gauge
RWG.100175	1" NPT	Regulator - 1" NPT, 0 - 150 PSI Range, 175 PSI Max Inlet Pressure with Pressure Gauge



Fitting to Fitting Hose Connector

Part No.	Size mm	Size Inches	Description
UASS0.020045N	20	¾	18" Fitting to Fitting Hose Connector
UASS0.025045N	25	1	18" Fitting to Fitting Hose Connector
UASS0.032060N	32	1¼	24" Fitting to Fitting Hose Connector
UASS0.040060N	40	1½	24" Fitting to Fitting Hose Connector
UASS0.050090N	50	2	36" Fitting to Fitting Hose Connector
UASS0.063090N	63	2½	36" Fitting to Fitting Hose Connector



Unipipe Hose Reels

Part No.	Size	Weight	Description
HRHT-250035	1/4" x 35'	25 lbs	Retractable Hose Reel
HRHT-250050	1/4" x 50'	30 lbs	Retractable Hose Reel
HRHT-375035	3/8" x 35'	28 lbs	Retractable Hose Reel
HRHT-375050	3/8" x 50'	50 lbs	Retractable Hose Reel
HRHT-375070	3/8" x 70'	54 lbs	Retractable Hose Reel
HRHT-500050	1/2" x 50'	57 lbs	Retractable Hose Reel



Stainless Steel Clamp Ring

Part No.	Size mm	Size Inches	Description
UACRE20	20	¾	Stainless Steel Clamp Ring
UACRE25	25	1	Stainless Steel Clamp Ring
UACRE32	32	1¼	Stainless Steel Clamp Ring
UACRE40	40	1½	Stainless Steel Clamp Ring
UACRE50	50	2	Stainless Steel Clamp Ring
UACRE63	63	2½	Stainless Steel Clamp Ring
UACRE75	75	3	Stainless Steel Clamp Ring
UACRE90	90	3½	Stainless Steel Clamp Ring
UACRE110	110	4½	Stainless Steel Clamp Ring
UACRE160	160	6	Stainless Steel Clamp Ring



Fitting O-Ring

Part No.	Size mm	Size Inches	Description
OREHNBR.020	20	¾	HNBR Fitting O-Ring
OREHNBR.025	25	1	HNBR Fitting O-Ring
OREHNBR.032	32	1¼	HNBR Fitting O-Ring
OREHNBR.040	40	1½	HNBR Fitting O-Ring
OREHNBR.050	50	2	HNBR Fitting O-Ring
OREHNBR.063	63	2½	HNBR Fitting O-Ring
OREHNBR.075	75	3	HNBR Fitting O-Ring
OREHNBR.090	90	3½	HNBR Fitting O-Ring
OREHNBR.110	110	4½	HNBR Fitting O-Ring
OREHNBR.160	160	6	HNBR Fitting O-Ring
OREHNBR.110EZ	110	4½	HNBR Fitting O-Ring
OREHNBR.160EZ	160	6	HNBR Fitting O-Ring
OREHNBR.200EZ	200	8	HNBR Fitting O-Ring
OREHNBR.250EZ	250	10	HNBR Fitting O-Ring



Fitting Nut

Part No.	Size mm	Size Inches	Description
UANE20	20mm	¾	Fitting Nut
UANE25	25mm	1	Fitting Nut
UANE32	32mm	1¼	Fitting Nut
UANE40	40mm	1½	Fitting Nut
UANE50	50mm	2	Fitting Nut
UANE63	63mm	2½	Fitting Nut



Flange Gasket

Part No.	Size mm	Size Inches	Description
FGMV.090075	90	3½	Flange Gasket
FGMV.110100	110	4½	Flange Gasket
FGMV.160150	160	6	Flange Gasket
FGMV.200150	200	8	Flange Gasket
FGMV.250150	250	10	Flange Gasket



Nut/Bolt/Flange Gasket Kit for Special Flange Fitting

Part No.	Size Inches	Number of Nuts/Bolts	Description
NBG075	3	8	Nut X Bolt X Gasket Kit - 3" (2-1/2" x 5/8 - 11)
NBG110	4	8	Nut X Bolt X Gasket Kit - 4" (2-1/2" x 5/8 - 11)
NBG160	6	8	Nut X Bolt X Gasket Kit - 6" (4" x 5/8 - 10)
NBG200	8	8	Nut X Bolt X Gasket Kit - 8" (5" x 7/8 - 9)
NBG250	10	12	Nut X Bolt X Gasket Kit - 10" (6" x 1 - 8)



Nut/Bolt Kit for Special Flange Fitting

Part No.	Size Inches	Number of Nuts/Bolts	Description
NBG75 - HARDWARE KIT	3	8	Nut X Bolt Kit - 3" (2-1/2" x 5/8 - 11) (HARDWARE ONLY)
NBG110- HARDWARE KIT	4	8	Nut X Bolt Kit - 4" (2-1/2" x 5/8 - 11) (HARDWARE ONLY)
NBG160 - HARDWARE KIT	6	8	Nut X Bolt Kit - 6" (4" x 5/8 - 10) (HARDWARE ONLY)
NBG200 - HARDWARE KIT	8	8	Nut X Bolt Kit - 8" (5" x 7/8 - 9) (HARDWARE ONLY)
NBG250 - HARDWARE KIT	10	12	Nut X Bolt Kit - 10" (6" x 1 - 8) (HARDWARE ONLY)



Pipe Cutters

Part No.	Size mm	Description
PC35/SS	15 - 35	Rotary pipe cutter Cu/ Al /SS, built in deburrer
PC76/SS	15-76	Rotary pipe cutter Cu/ Al /SS, built in deburrer
PC140	54 - 108	Rotary pipe cutter Cu/ Al /SS, built in deburrer



PC35/SS



PC76/SS



PC140

Pipe Saws

Part No.	Size mm	Description
PEC170B	20 - 170	Cordless, lightweight and handy PipeCut 170 System can be used for cutting metal pipes from 20mm to 170mm. The gripper arms adjust to the pipe diameter and keep the cut square to the pipe. Comes with charger and two batteries.
PEC220E	20 - 220	Powerful, lightweight and handy PipeCut 220E System can be used for cutting metal pipes due to its adjustable speed and steady torque. The gripper arms adjust to the pipe diameter and keep the cut square to the pipe. 20mm - 220mm pipe cutting range. 110V
PEC280E	50 - 280	Powerful, lightweight and handy PipeCut 280E System can be used for cutting metal pipes due to its adjustable speed and steady torque. The gripper arms adjust to the pipe diameter and keep the cut square to the pipe. 50mm - 280mm pipe cutting range. 110V



Miscellaneous Tools

Part No.	Size mm	Description
TIU160	20 - 160	Depth gauge for marking correct insertion
TR05	15 - 54	Multi reamer inside and outside. Hand operated or with adapter can be used with cordless drill
TRS05	15 - 54	Power tool adaptor for TR05
66980402	20 - 160	ID (Interior Diameter) Deburring Tool
66980503	20 - 160	OD (Outside Diameter) Deburring Tool
DTE14	14mm	Drilling Tool
DTE19	19mm	Drilling Tool
DTE24	24mm	Drilling Tool
DTE48	48mm	Drilling Tool
DTE79	79mm	Drilling Tool
WFN20	20mm	Wrench
WFN25	25mm	Wrench
WFN32	32mm	Wrench
WFN40	40mm	Wrench
WFN50	50mm	Wrench
WFN63	63mm	Wrench
WFN75	75mm	Wrench
WFN90	90mm	Wrench



TIU160



TR05
(inner &
outer
views)



TRS05



66980402



66980503



DTE14-79



WFN20-90

EZ Assembly Tool

Part No.	Size mm	Size Inches	Description
EZTOOL110	110	4½	Assembly Tool (90% Credit upon return within 30 days)
EZTOOL160	160	6	Assembly Tool (90% Credit upon return within 30 days)
EZTOOL200	200	8	Assembly Tool (90% Credit upon return within 30 days)
EZTOOL250	250	10	Assembly Tool (90% Credit upon return within 30 days)



Unipipe Pipe 232 PSI

Part No.	Size mm	Size inches	Wall Thickness mm	Length m	Length Feet	Weight
UWTT0.020600	20	¾	1.0	5.8	19	2.1 lbs
UWTT0.025600	25	1	1.1	5.8	19	2.9 lbs
UWTT0.040600	40	1½	1.3	5.8	19	5.7 lbs
UWTT0.050600	50	2	1.4	5.8	19	7.7 lbs
UWTT0.063600	63	2½	1.8	5.8	19	12.4 lbs



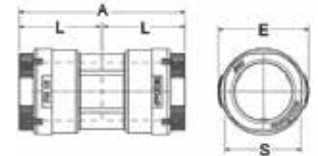
Unipipe Pipe UPS Shipping 232 PSI

Part No.	Size mm	Size inches	Wall Thickness mm	Length m	Length Feet	Weight
CUWTT0.020250	20	¾	1.0	2.5	8	0.9 lbs
CUWTT0.025250	25	1	1.1	2.5	8	1.2 lbs
CUWTT0.040250	40	1½	1.3	2.5	8	2.4 lbs
CUWTT0.050250	50	2	1.4	2.5	8	3.2 lbs



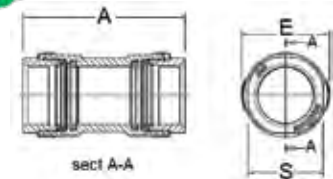
Straight Coupling 232 PSI

Part No.	Size mm	Size Inches	A	L	E	S	Weight
UWCC0.020020	20	¾	70	35	37	29	2.5 oz
UWCC0.025025	25	1	75	37	42	36	3.4 oz
UWCC0.040040	40	1½	117	57	63	53	11.9 oz
UWCC0.050050	50	2	138	68	78.5	66	1.2 lbs
UWCC0.063063	63	2½	173	83	95	82	2.2 lbs



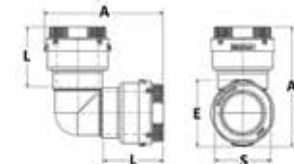
Sliding Straight Coupling 232 PSI

Part No.	Size mm	Size Inches	A	E	S	Weight
UWCC1.020020	20	¾	70	37	29	2.5 oz
UWCC1.025025	25	1	75	42	36	3.4 oz
UWCC1.040040	40	1½	117	63	53	11.9 oz
UWCC1.050050	50	2	138	78.5	66	1.2 lbs
UWCC1.063063	63	2½	173	95	82	2.2 lbs



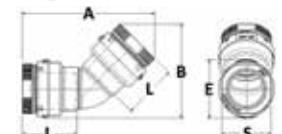
90° Elbow 232 PSI

Part No.	Size mm	Size Inches	A	E	L	S	Weight
UWCC9.020020	20	¾	60	37	35	29	3 oz
UWCC9.025025	25	1	76	42	37	36	4 oz
UWCC9.040040	40	1½	112	63	57	53	1.2 lbs
UWCC9.050050	50	2	143	78.5	68	66	1.5 lbs
UWCC9.063063	63	2½	168	95	83	82	2.4 lbs



45° Elbow 232 PSI

Part No.	Size mm	Size Inches	A	B	E	L	S	Weight
UWCC4.020020	20	¾	85	59	37	35	29	3.2 oz
UWCC4.025025	25	1	95	68	42	37	36	3.9 oz
UWCC4.040040	40	1½	141	101	63	57	53	12 oz
UWCC4.050050	50	2	171	124	78.5	68	66	1.4 lbs
UWCC4.063063	63	2½	207	150	95	83	82	2.3 lbs



Equal Tee 232 PSI

Part No.	Size mm	Size Inches	A	B	E	L	S	Weight
UWCCT.020020	20	¾	101	68	37	35	29	4.3 oz
UWCCT.025025	25	1	111	75	42	37	36	5.7 oz
UWCCT.040040	40	1½	162	110	63	57	53	1 lb
UWCCT.050050	50	2	206	141	78.5	68	66	2 lbs
UWCCT.063063	63	2½	230	160	95	83	82	3.1 lbs



Tee with FNPT Branch Line 232 PSI

Part No.	Size mm	Size Inches	A	B	E	L	S	Weight
UWCFT.020015N	20 x 20 x ½"	¾ x ¾ x ½	101	48	37	35	29	3.4 oz
UWCFT.025020N	25 x 25 x ¾"	1 x 1 x ¾	111	57	42	37	36	4.7 oz
UWCFT.040032N	40 x 40 x 1¼"	1½ x 1½ x 1¼	162	78	63	57	53	12.8 oz
UWCFT.050040N	50 x 50 x 1½"	2 x 2 x 1½	206	95	78.5	66	66	1.6 lbs
UWCFT.063050N	63 x 63 x 2"	2½ x 2½ x 2	230	114	95	83	82	2.5 lbs



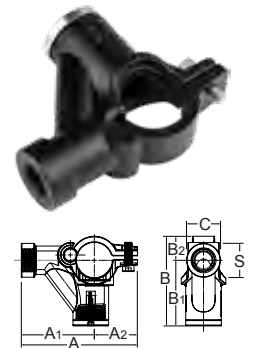
Branch (pipe x pipe) 580 PSI

Part No.	Size mm	Size Inches	A	A1	A2	B	B1	B2	C	S	Weight
UCIC0.025020	25 x 20	1 x ¾	113	76.5	36.5	70	52.5	17.5	33	29	5.8 oz
UCIC0.032020	32 x 20	1¼ x ¾	126	83.5	42.5	81	59.5	21.5	33	29	6.6 oz
UCIC0.040020	40 x 20	1½ x ¾	142	94	48	100	73	27	38	29	12.3 oz
UCIC0.040025	40 x 25	1½ x 1	143	95	48	100	73	27	38	36	11.4 oz
UCIC0.050020	50 x 20	2 x ¾	150	94.5	55.5	112	80.5	31.5	38.5	29	13.7 oz
UCIC0.050025	50 x 25	2 x 1	150	94.5	55.5	112.5	80.5	31.5	38.5	36	1.3 lbs
UCIC0.063020	63 x 20	2½ x ¾	172	108	64	131.5	92	39.5	38	29	1.3 lbs
UCIC0.063025	63 x 25	2½ x 1	174	110	64	131.5	92	39.5	38	36	1.2 lbs



Female Threaded Branch 580 PSI

Part No.	Size mm	Size Inches	A	A1	A2	B	B1	B2	C	S	Weight
UCIF0.025015N	25 x ½"	1 x ½	113	76.5	36.5	70	52.5	17.5	33	29	5.8 oz
UCIF0.032015N	32 x ½"	1¼ x ½	126	83.5	42.5	81	59.5	21.5	33	29	6.6 oz
UCIF0.040015N	40 x ½"	1½ x ½	142	94	48	100	73	27	38	29	12.3 oz
UCIF0.040020N	40 x ¾"	1½ x ¾	143	95	48	100	73	27	38	36	11.4 oz
UCIF0.050015N	50 x ½"	2 x ½	150	94.5	55.5	112	80.5	31.5	38.5	29	13.7 oz
UCIF0.050020N	50 x ¾"	2 x ¾	150	94.5	55.5	112.5	80.5	31.5	38.5	36	1.3 lbs
UCIF0.063015N	63 x ½"	2½ x ½	172	108	64	131.5	92	39.5	38	29	1.3 lbs



Saddle Branch (pipe x FNPT) 580 PSI

Part No.	Size mm	Size Inches	PSI	A	A1	A2	B	B1	B2	C	Weight
UCHF0.025015N	25 x 1/2"	1 x 1/2"	580	62	25	37	51	17.5	17.5	33	2.5 oz.
UCHF0.032015N	32 x 1/2"	1 1/4 x 1/2"	580	75	32	42.5	57.5	21.5	21.5	33	3.2 oz
UCHF0.040015N	40 x 1/2"	1 1/2 x 1/2"	580	89.5	41	48.5	69.5	27	27	47	5.7 oz
UCHF0.040020N	40 x 3/4"	1 1/2 x 3/4"	580	89.5	41	48.5	69.5	27	27	47	5.4 oz
UCHF0.050015N	50 x 1/2"	2 x 1/2"	580	102	46.5	55.5	84	32	32	47	7.7 oz
UCHF0.050020N	50 x 3/4"	2 x 3/4"	580	102	46.5	55.5	84	32	32	47	7.2 oz
UCHF0.050025N	50 x 1"	2 x 1"	580	102	46.5	55.5	84	32	32	47	6.6 oz
UCHF0.063015N	63 x 1/2"	2 1/2 x 1/2"	580	122	58	64	99	40	40	58	12.9 oz
UCHF0.063020N	63 x 3/4"	2 1/2 x 3/4"	580	122	58	64	99	40	40	58	12.6 oz



Reducing Bushing

Part No.	Size	Description
PBMV.015010N	1/2" x 3/8"	Reducing Bushing - Brass
PBMV.015008N	1/2" x 1/4"	Reducing Bushing - Brass
PBMV.020015N	3/4" x 1/2"	Reducing Bushing - Galvanized
PBMV.025015N	1" x 1/2"	Reducing Bushing - Galvanized
PBMV.025020N	1" x 3/4"	Reducing Bushing - Galvanized
PBMV.032020N	1 1/4" x 3/4"	Reducing Bushing - Galvanized
PBMV.032025N	1 1/4" x 1"	Reducing Bushing - Galvanized
PBMV.040025N	1 1/2" x 1"	Reducing Bushing - Galvanized
PBMV.040032N	1 1/2" x 1 1/4"	Reducing Bushing - Galvanized
PBMV.050025N	2" x 1"	Reducing Bushing - Galvanized
PBMV.050032N	2" x 1 1/4"	Reducing Bushing - Galvanized
PBMV.050040N	2" x 1 1/2"	Reducing Bushing - Galvanized
PBMV.075040N	3" x 1 1/2"	Reducing Bushing - Galvanized
PBMV.075050N	3" x 2"	Reducing Bushing - Galvanized



MNPT Adapter 232 PSI

Part No.	Size mm	Size Inches	A	E	S	L	Weight
UWCM0.020015N	20 x 1/2"	3/4 x 1/2"	49	37	29	35	1.4 oz
UWCM0.020020N	20 x 3/4"	3/4 x 3/4"	51.5	37	29	35	1.4 oz
UWCM0.025015N	25 x 1/2"	1 x 1/2"	55	42	36	37	2 oz
UWCM0.025020N	25 x 3/4"	1 x 3/4"	55	42	36	37	2 oz
UWCM0.025025N	25 x 1"	1 x 1"	60.5	42	36	37	2 oz
UWCM0.040032N	40 x 1 1/4"	1 1/2 x 1 1/4"	81	63	53	57	6.5 oz
UWCM0.040040N	40 x 1 1/2"	1 1/2 x 1 1/2"	81	63	53	57	6.5 oz
UWCM0.050040N	50 x 1 1/2"	2 x 1 1/2"	92	78.5	66	68	11.2 oz
UWCM0.050050N	50 x 2"	2 x 2"	95.5	78.5	66	68	11.2 oz
UWCM0.063050N	63 x 2"	2 1/2 x 2"	119	95	82	83	1.2 lbs
UWCM0.063063N	63 x 2 1/2"	2 1/2 x 2 1/2"	121	95	82	83	1.2 lbs



90° Elbow with MNPT 232 PSI

Part No.	Size mm	Size Inches	A	B	E	L	S	Weight
UWCM9.020015N	20 x 1/2"	3/4 x 1/2	62	48	37	35	29	1.8 oz
UWCM9.025015N	25 x 1/2"	1 x 1/2	67	56	42	37	36	2.5 oz
UWCM9.025020N	25 x 3/4"	1 x 3/4	67	57	42	37	36	2.6 oz
UWCM9.040032N	40 x 1 1/4"	1 1/2 x 1 1/4	105	78	63	57	53	9 oz
UWCM9.040040N	40 x 1 1/2"	1 1/2 x 1 1/2	105	78	63	57	53	10 oz
UWCM9.040050N	40 x 2"	1 1/2 x 2	111	85	63	57	53	11 oz
UWCM9.050040N	50 x 1 1/2"	2 x 1 1/2	126	95	78.5	66	66	14.8 oz
UWCM9.063050N	63 x 2"	2 1/2 x 2	159	114	95	83	82	1.8 lbs



FNPT Adapter 232 PSI

Part No.	Size mm	Size Inches	A	E	L	S	Weight
UWCF0.020015N	20 x 1/2"	3/4 x 1/2	55	37	35	29	2 oz
UWCF0.025020N	25 x 3/4"	1 x 3/4	57	42	37	36	2.3 oz
UWCF0.040032N	40 x 1 1/4"	1 1/2 x 1 1/4	80	63	57	53	8.1 oz
UWCF0.050040N	50 x 1 1/2"	2 x 1 1/2	95	78	66	66	11.6 oz
UWCF0.063050N	63 x 2"	2 1/2 x 2	120	95	83	82	1.4 lbs



Reducer - (fitting x pipe) 232 PSI

Part No.	Size Fitting d1 mm	Size Outlet d2 mm	Size Fitting d1 Inches	Size Outlet d2 Inches	A	E	L	S	Weight
UWSC0.025020	25	20	1	3/4	46	33	35	29	1.8 oz
UWSC0.040020	40	20	1 1/2	3/4	59.5	52	35	29	5.4 oz
UWSC0.040025	40	25	1 1/2	1	60.6	52	37	36	6.1 oz
UWSC0.040032	40	32	1 1/2	1 1/4	54.6	52	46	43	4.2 oz
UWSC0.050032	50	32	2	1 1/4	88	64.8	??	43	12 oz
UWSC0.050040	50	40	2	1 1/2	73	64.8	57	53	8.5 oz
UWSC0.063040	63	40	2 1/2	1 1/2	86.3	79.5	57	53	13.9 oz
UWSC0.063050	63	50	2 1/2	2	84	79.5	68	66	14.7 oz



Ball Valve (pipe x pipe) 232 PSI

Part No.	Pipe - Pipe mm	Pipe - Pipe Inches	A	B	E	G	L	S	Weight
UWCCV.020020	20	3/4	131	73	40	99	35	35	8.1 oz
UWCCV.025020	25 x 20	1 x 3/4	131	73	40	102	37	37	8.4 oz
UWCCV.025025	25	1	150	87	50	110.5	37	37	13.4 oz
UWCCV.040040	40	1 1/2	213	121	72	169	57	57	2.1 lbs
UWCCV.050050	50	2	282	156	89	200	68	68	3.5 lbs
UWCCV.063063	63	2 1/2	306	176	109	253.5	83	83	6 lbs



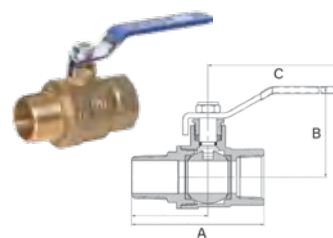
Ball Valve - (pipe x MNPT) 232 PSI

Part No.	Pipe mm - Thread	Pipe Inches - Thread	A	B	E	G	L	S	Weight
UWCMV.020015N	20 x 1/2"	3/4 x 1/2	131	73	40	94	35	29	7.4 oz
UWCMV.025020N	25 x 3/4"	1 x 3/4	150	87	50	104.5	37	36	12.2 oz
UWCMV.040032N	40 x 1 1/4"	1 1/2 x 1 1/4	213	121	72	145.5	57	53	1.9 lbs
UWCMV.050040N	50 x 1 1/2"	2 x 1 1/2	282	156	89	187.5	68	66	3.2 lbs
UWCMV.063050N	63 x 2"	2 1/2 x 2	306	176	109	217	83	82	5.5 lbs



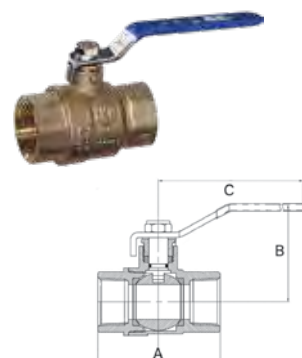
Brass Ball Valves - Male x Female 600 PSI

Part No.	Size	Description	A (in)	B (in)	C (in)	Weight
6510120	½" NPT	½" Male x Female, Full Flow Type	2.5	1.81	3.46	7.2 oz
6510160	¾" NPT	¾" Male x Female, Full Flow Type	3	2.09	4.29	12.3 oz
6510200	1" NPT	1" Male x Female, Full Flow Type	3.27	2.25	4.29	1.2 lbs



Brass Ball Valves - Female x Female 600 PSI

Part No.	Size	Description	A (in)	B (in)	C (in)	Weight
6510100	½" NPT	½" Female x Female, Full Flow Type	2.24	1.81	3.46	7 oz
6510140	¾" NPT	¾" Female x Female, Full Flow Type	2.52	2.09	4.29	12 oz
6510180	1" NPT	1" Female x Female, Full Flow Type	2.97	2.25	4.29	1.1 lbs
6510220	1¼" NPT	1¼" Female x Female, Full Flow Type	3.44	2.52	5.63	1.7 lbs
6510240	1½" NPT	1½" Female x Female, Full Flow Type	3.88	2.74	5.63	2.3 lbs
6510260	2" NPT	2" Female x Female, Full Flow Type	4.3	3.03	5.63	3.4 lbs
6510270	2½" NPT	2½" Female x Female, Full Flow Type	5.53	4.25	7.76	7.4 lbs
6510280	3" NPT	3" Female x Female, Full Flow Type	6.14	4.58	8.19	9.9 lbs



Locking Ball Valve Handle

Part No.	Size mm	Size Inches	Description
LBVHE20	20	¾	Locking Ball Valve Handle
LBVHE25	25	1	Locking Ball Valve Handle
LBVHE32	32	1¼	Locking Ball Valve Handle
LBVHE40	40	1½	Locking Ball Valve Handle
LBVHE50	50	2	Locking Ball Valve Handle
LBVHE63	63	2½	Locking Ball Valve Handle



Wall Mounted Drop End 232 PSI

Part No.	Inlet Ømm spigot	Outlet G	No of outlets	A	B	F	G	M	Weight
UASFS.025015N	25	½"	1	99	72	6	24	83	5.1 oz
UASFD.025015N	25	½"	2	99	72	6	24	83	5.7 oz



Wall Mounted Drop End Assembly - Single Port 232 PSI

Part No.	Size mm	Size Inches	Description	Weight
UWSFSB.020015N	20	¾	Wall Mounted Drop End Assembly - Single Port UnipipeNITRO	13.5 oz
UWSFSB.025015N	25	1	Wall Mounted Drop End Assembly - Single Port UnipipeNITRO	19.2 oz

Assemblies Consist of:

UWSFSB.020015N
(1) UASFS.025015N
(1) UWCCV.025020

UWSFSB.025015N
(1) UASFS.025015N
(1) UWCCV.025025



Wall Mounted Drop End Assembly - Double Port 232 PSI

Part No.	Size mm	Size Inches	Description	Weight
UWSFDB.020015N	20	¾	Wall Mounted Drop End Assembly - Double Port UnipipeNITRO	14.1 oz
UWSFDB.025015N	25	1	Wall Mounted Drop End Assembly - Double Port UnipipeNITRO	19.2 oz

Assemblies Consist of:

UWSFDB.020015N
(1) UASFD.025015N
(1) UWCCV.025020

UWSFDB.025015N
(1) UASFD.025015N
(1) UWCCV.025025



Wall Mounted Drop End Assembly - Single Port with Quick Disconnect 232 PSI

Part No.	Size mm	Size Inches	Description	Weight
UWSFSBQ.020015N	20	¾	Wall Mounted Drop End Assembly - Single Port with Quick Disconnect UnipipeNITRO	20.8 oz
UAWFSBQ.025015N	25	1	Wall Mounted Drop End Assembly - Single Port with Quick Disconnect UnipipeNITRO	27.2 oz

Assemblies Consist of:

UASFSBQ.020015N	UASFSBQ.025015N
(1) UASFS.025015N	(1) UASFS.025015N
(1) UWCCV.025020	(1) UWCCV.025025
(1) UAQDCM.250500	(1) UAQDCM.250500



Wall Mounted Drop End Assembly - Double Port with Quick Disconnects 232 PSI

Part No.	Size mm	Size Inches	Description	Weight
UWSFDBQ.020015N	20	¾	Wall Mounted Drop End Assembly - Double Port with Quick Disconnect UnipipeNITRO	30.4 oz
UWSFDBQ.025015N	25	1	Wall Mounted Drop End Assembly - Double Port with Quick Disconnect UnipipeNITRO	35.2 oz

Assemblies Consist of:

UASFSB.020015N	UASFSB.025015N
(1) UASFD.025015N	(1) UASFD.025015N
(1) UWCCV.025020	(1) UWCCV.025025
(2) UAQDCM.250500	(2) UAQDCM.250500



Wall Mounted Drop End Adapter Plate Includes Hardware

Part No.	Description	Weight
UAWMDA.375	Wall Mounted Drop End Adapter Plate	2 oz



Universal Quick Disconnect Coupling - Male 600 PSI

Part No.	Description	Weight
UAQDCM.250250	Universal Quick Disconnect Coupling - 1/4" Body and 1/4" Male NPT Threads	4 oz
UAQDCM.250375	Universal Quick Disconnect Coupling - 1/4" Body and 3/8" Male NPT Threads	6 oz
UAQDCM.250500	Universal Quick Disconnect Coupling - 1/4" Body and 1/2" Male NPT Threads	8 oz
UAQDCM.500500	Universal Quick Disconnect Coupling - 1/2" Body and 1/2" Male NPT Threads	10 oz



Standard Industrial Quick Disconnect Nipple - Male 600 PSI

Part No.	Description	Weight
UAQDNM.250250	Standard Industrial Quick Disconnect Nipple - 1/4" Body and 1/4" Male NPT Threads	3 oz
UAQDNM.250375	Standard Industrial Quick Disconnect Nipple - 1/4" Body and 3/8" Male NPT Threads	3 oz
UAQDNM.500375	Standard Industrial Quick Disconnect Nipple - 1/2" Body and 3/8" Male NPT Threads	4 oz
UAQDNM.500500	Standard Industrial Quick Disconnect Nipple - 1/2" Body and 1/2" Male NPT Threads	4 oz



Standard Industrial Quick Disconnect Nipple - Female 600 PSI

Part No.	Description	Weight
UAQDNF.250250	Standard Industrial Quick Disconnect Nipple - 1/4" Body and 1/4" Female NPT Threads	3 oz
UAQDNF.250375	Standard Industrial Quick Disconnect Nipple - 1/4" Body and 3/8" Female NPT Threads	3 oz
UAQDNF.500375	Standard Industrial Quick Disconnect Nipple - 1/2" Body and 3/8" Female NPT Threads	4 oz
UAQDNF.500500	Standard Industrial Quick Disconnect Nipple - 1/2" Body and 1/2" Female NPT Threads	4 oz



UnipipeVAC Pipe -29 inHg

Part No.	Size mm	Size Inches	Wall Thickness mm	Length m	Length Feet	Weight
UVTT0.020600	20	¾	1.0	5.8	19	2.1 lbs.
UVTT0.025600	25	1	1.1	5.8	19	2.9 lbs.
UVTT0.040600	40	1½	1.3	5.8	19	5.7 lbs.
UVTT0.050600	50	2	1.4	5.8	19	7.7 lbs.
UVTT0.063600	63	2½	1.8	5.8	19	12.4 lbs.
UVTT0.075600	75	3	2	5.8	19	17.9 lbs.
UVTT0.090600	90	3½	2.4	5.8	19	23.8 lbs.



UnipipeVAC EZ Pipe -29 inHg

Part No.	Size Ømm	Size Inches	Wall Thickness mm	Length m	Length Feet	Weight
UVR0.110600	110	4½	3.0	5.8	19	35.7 lbs.
UVR0.160600	160	6	4.3	5.8	19	75.4 lbs.
UVR0.200600	200	8	4	5.8	19	89.3 lbs.
UVR0.250600	250	10	5	5.8	19	141 lbs.



UnipipeVAC Pipe UPS Shipping -29 inHg

Part No.	Size Ømm	Size Inches	Wall Thickness mm	Length m	Length Feet	Weight
CUVTT0.020250	20	¾	1.0	2.5	8	0.9 lbs
CUVTT0.025250	25	1	1.1	2.5	8	1.2 lbs
CUVTT0.040250	40	1½	1.3	2.5	8	2.4 lbs
CUVTT0.050250	50	2	1.4	2.5	8	3.2 lbs
CUVTT0.063250	63	2½	1.8	2.5	8	5.2 lbs



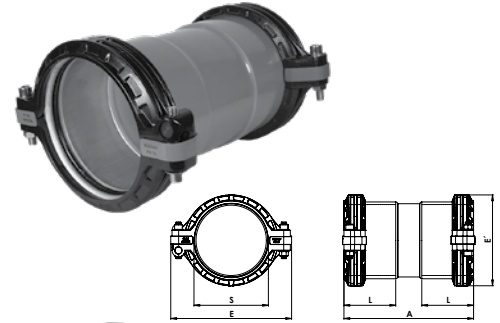
Straight Coupling -29 inHg

Part No.	Size mm	Size Inches	A	L	E	S	Weight
UVCC0.020020	20	¾	70	35	37	29	2.5 oz
UVCC0.025025	25	1	75	37	42	36	3.4 oz
UVCC0.040040	40	1½	117	57	63	53	11.9 oz
UVCC0.050050	50	2	138	68	78.5	66	1.2 lbs
UVCC0.063063	63	2½	173	83	95	82	2.2 lbs
UVCC0.075075	75	3	174	85.4	108	100	2.4 lbs
UVCC0.090090	90	3½	190	93	132	118	3.9 lbs
UVCC0.110110	110	4½	150	73	206	154	4.8 lbs
UVCC0.160160	160	6	272	133.5	266	221	17.2 lbs



UnipipeEZ Full Coupling (Socket x Socket) -29 inHg

Part No.	Size mm	Size Inches	A	E	L	Weight
UVRR0.200200	200	8	89.7	206.5	40	16 lbs
UVRR0.250250	250	10	106	258	42.5	26.6 lbs



UnipipeEZ Hinged Coupling (Socket x Spigot) -29 inHg

Part No.	Size mm	Size Inches	Length mm	Width mm	Height mm	Weight
UVRR2.110110	110	4 ½	41	136	185	1 lbs
UVRR2.160160	160	6	54	199	265	2.6 lbs
UVRR2.200200	200	8	66	249	330	5 lbs
UVRR2.250250	250	10	81	309	410	9 lbs



Sliding Straight Coupling -29 inHg

Part No.	Size mm	Size Inches	A	E	S	Weight
UVCC1.020020	20	¾	70	37	29	2.5 oz
UVCC1.025025	25	1	75	42	36	3.4 oz
UVCC1.040040	40	1½	117	63	53	11.9 oz
UVCC1.050050	50	2	138	78.5	66	1.2 lbs
UVCC1.063063	63	2½	173	95	82	2.2 lbs
UVCC1.075075	75	3	174	108	100	2.4 lbs
UVCC1.090090	90	3½	190	132	118	3.9 lbs



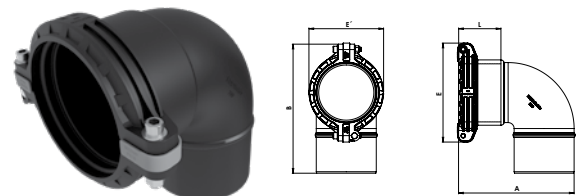
90° Elbow -29 inHg

Part No.	Size mm	Size Inches	A	E	L	S	Weight
UVCC9.020020	20	¾	60	37	35	29	3 oz
UVCC9.025025	25	1	76	42	37	36	4 oz
UVCC9.040040	40	1½	112	63	57	53	1.2 lbs
UVCC9.050050	50	2	143	78.5	68	66	1.5 lbs
UVCC9.063063	63	2½	168	95	83	82	2.4 lbs
UVCC9.075075	75	3	189.5	108	85.4	100	2.8 lbs
UVCC9.090090	90	3½	219	132	93	118	5.5 lbs
UVCC9.110110	110	4½	214	206	73	154	7.6 lbs
UVCC9.160160	160	6	352	266	133.5	221	25.2 lbs



UnipipeEZ 90° Elbow Socket x Spigot 150 PSI

Part No.	Size mm	Size Inches	A	E	L	B	Weight
UVRS9.200200	200	8	389	330	142.6	434	13.8 lbs
UVRS9.250250	250	10	479	410	177.4	541	21.2 lbs



45° Elbow -29 inHg

Part No.	Size mm	Size Inches	A	B	E	L	S	Weight
UVCC4.020020	20	¾	85	59	37	35	29	3.2 oz
UVCC4.025025	25	1	95	68	42	37	36	3.9 oz
UVCC4.040040	40	1½	141	101	63	57	53	12 oz
UVCC4.050050	50	2	171	124	78.5	68	66	1.4 lbs
UVCC4.063063	63	2½	207	150	95	83	82	2.3 lbs
UVCC4.075075	75	3	213	161	108	85.5	100	2.6 lbs
UVCC4.090090	90	3½	238	189	132	93	118	4.2 lbs
UVCC4.110110	110	4½	222	194	206	73	154	5.7 lbs
UVCC4.160160	160	6	358	296.5	265	133.5	221	16.6 lbs



45° Elbow Socket x Spigot -29 inHg

Part No.	Size mm	Size Inches	A	E	L	B	Weight
UVRS4.200200	200	8	448.5	330	142.6	365	11.2 lbs
UVRS4.250250	250	10	560	410	177.4	428	17.8 lbs



Equal Tee -29 inHg

Part No.	Size mm	Size Inches	A	B	E	L	S	Weight
UVCCT.020020	20	¾	101	68	37	35	29	4.3 oz
UVCCT.025025	25	1	111	75	42	37	36	5.7 oz
UVCCT.040040	40	1½	162	110	63	57	53	1 lb
UVCCT.050050	50	2	206	141	78.5	68	66	2 lbs
UVCCT.063063	63	2½	230	160	95	83	82	3.1 lbs
UVCCT.075075	75	3	260	219.9	108	85.4	100	4 lbs
UVCCT.090090	90	3½	306	217	132	93	118	7.5 lbs
UVCCT.110110	110	4½	277	214	206	73	154	10 lbs
UVCCT.160160	160	6	484	352	265	133.5	221	36.7 lbs



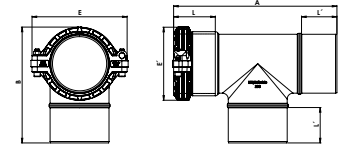
UnipipeEZ Saddle Branch Saddle x Socket -29 inHg

Part No.	Size mm	Size Inches	Length mm	Width mm	Height mm	Weight
UVHC0.200110	200	8	206	301	385	12.8 lbs
UVHC0.250160	250	10	266	406	446	26.3 lbs



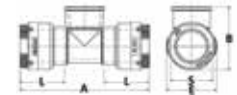
Equal Tee Socket x Spigot x Spigot -29 inHg

Part No.	Size mm	Size Inches	A	E	L	B	Weight
UARST.200200	200 x 200 x 200	8 x 8 x 8	538	223	381	396	21.2 lbs
UARST.250250	250 x 250 x 250	10 x 10 x 10	670	278	476	461	31.2 lbs



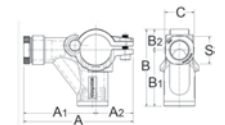
Tee with FNPT Branch Line -29 inHg

Part No.	Size mm	Size Inches	A	B	E	L	S	Weight
UVCFT.020015N	20 x 20 x 1/2"	3/4 x 3/4 x 1/2	101	48	37	35	29	3.4 oz
UVCFT.025020N	25 x 25 x 3/4"	1 x 1 x 3/4	111	57	42	37	36	4.7 oz
UVCFT.040032N	40 x 40 x 1 1/4"	1 1/2 x 1 1/2 x 1 1/4	162	78	63	57	53	12.8 oz
UVCFT.050040N	50 x 50 x 1 1/2"	2 x 2 x 1 1/2	206	95	78.5	66	66	1.6 lbs
UVCFT.063050N	63 x 63 x 2"	2 1/2 x 2 1/2 x 2	230	114	95	83	82	2.5 lbs



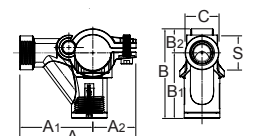
Saddle Branch (pipe x pipe) -29 inHg

Part No.	Size mm	Size Inches	A	A1	A2	B	B1	B2	C	S	Weight
UCIC0.025020	25 x 20	1 x 3/4	113	76.5	36.5	70	52.5	17.5	33	29	5.8 oz
UCIC0.032020	32 x 20	1 1/4 x 3/4	126	83.5	42.5	81	59.5	21.5	33	29	6.6 oz
UCIC0.040020	40 x 20	1 1/2 x 3/4	142	94	48	100	73	27	38	29	12.3 oz
UCIC0.040025	40 x 25	1 1/2 x 1	143	95	48	100	73	27	38	36	11.4 oz
UCIC0.050020	50 x 20	2 x 3/4	150	94.5	55.5	112	80.5	31.5	38.5	29	13.7 oz
UCIC0.050025	50 x 25	2 x 1	150	94.5	55.5	112.5	80.5	31.5	38.5	36	1.3 lbs
UCIC0.063020	63 x 20	2 1/2 x 3/4	172	108	64	131.5	92	39.5	38	29	1.3 lbs
UCIC0.063025	63 x 25	2 1/2 x 1	174	110	64	131.5	92	39.5	38	36	1.2 lbs



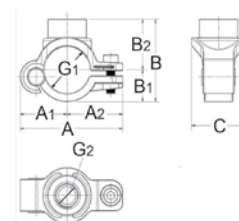
Female Threaded Branch -29 inHg

Part No.	Size mm	Size Inches	A	A1	A2	B	B1	B2	C	S	Weight
UCIF0.025015N	25 x 1/2"	1 x 1/2	113	76.5	36.5	70	52.5	17.5	33	29	5.8 oz
UCIF0.032015N	32 x 1/2"	1 1/4 x 1/2	126	83.5	42.5	81	59.5	21.5	33	29	6.6 oz
UCIF0.040015N	40 x 1/2"	1 1/2 x 1/2	142	94	48	100	73	27	38	29	12.3 oz
UCIF0.040020N	40 x 3/4"	1 1/2 x 3/4	143	95	48	100	73	27	38	36	11.4 oz
UCIF0.050015N	50 x 1/2"	2 x 1/2	150	94.5	55.5	112	80.5	31.5	38.5	29	13.7 oz
UCIF0.050020N	50 x 3/4"	2 x 3/4	150	94.5	55.5	112.5	80.5	31.5	38.5	36	1.3 lbs
UCIF0.063015N	63 x 1/2"	2 1/2 x 1/2	172	108	64	131.5	92	39.5	38	29	1.3 lbs
UCIF0.063020N	63 x 3/4"	2 1/2 x 3/4	174	110	64	131.5	92	39.5	38	36	1.2 lbs



Saddle Branch x FNPT (pipe x FNPT) -29 inHg

Part No.	Size mm	Size Inches	PSI	A	A1	A2	B	B1	B2	C	Weight
UCHF0.025015N	25 x 1/2"	1 x 1/2	580	62	25	37	51	17.5	17.5	33	2.5 oz.
UCHF0.032015N	32 x 1/2"	1 1/4 x 1/2	580	75	32	42.5	57.5	21.5	21.5	33	3.2 oz
UCHF0.040015N	40 x 1/2"	1 1/2 x 1/2	580	89.5	41	48.5	69.5	27	27	47	5.7 oz
UCHF0.040020N	40 x 3/4"	1 1/2 x 3/4	580	89.5	41	48.5	69.5	27	27	47	5.4 oz
UCHF0.050015N	50 x 1/2"	2 x 1/2	580	102	46.5	55.5	84	32	32	47	7.7 oz
UCHF0.050020N	50 x 3/4"	2 x 3/4	580	102	46.5	55.5	84	32	32	47	7.2 oz
UCHF0.050025N	50 x 1"	2 x 1	580	102	46.5	55.5	84	32	32	47	6.6 oz
UCHF0.063015N	63 x 1/2"	2 1/2 x 1/2	580	122	58	64	99	40	40	58	12.9 oz
UCHF0.063020N	63 x 3/4"	2 1/2 x 3/4	580	122	58	64	99	40	40	58	12.6 oz
UCHF0.063025N	63 x 1"	2 1/2 x 1	580	122	58	64	99	40	40	58	11.8 oz
UCHF0.075025N	75 x 1"	3 x 1	232	121.6	67.8	53.8	110.5	44.8	65.7	60	9.9 oz
UCHF0.075050N	75 x 2"	3 x 2	232	121.6	67.8	53.8	122.1	44.8	77.3	80	14.1 oz
UCHF0.090025N	90 x 1"	3 1/2 x 1	232	159.5	71.5	88	130	53	53	66	1.1 lbs
UCHF0.090050N	90 x 2"	3 1/2 x 2	232	159.5	71.5	88	130	53	53	66	1.3 lbs
UCHF0.110025N	110 x 1"	4 1/2 x 1	232	179.5	81	98	150	65	65	66	1.3 lbs
UCHF0.110050N	110 x 2"	4 1/2 x 2	232	179.5	81	98	150	65	65	80	2.5 lbs
UCHF0.110075N	110 x 3"	4 1/2 x 3	232	179.5	81	98	150	65	65	122	3.4 lbs
UCHF0.160050N	160 x 2"	6 x 2	232	263	120.5	142.5	210.5	91.5	119	121	4.3 lbs
UCHF0.160075N	160 x 3"	6 x 3	232	263	120.5	142.5	227	91.5	135.5	122	4.4 lbs



Reducing Bushing

Part No.	Size	Description
PBMV.015010N	1/2" x 3/8"	Reducing Bushing - Brass
PBMV.015008N	1/2" x 1/4"	Reducing Bushing - Brass
PBMV.020015N	3/4" x 1/2"	Reducing Bushing - Galvanized
PBMV.025015N	1" x 1/2"	Reducing Bushing - Galvanized
PBMV.025020N	1" x 3/4"	Reducing Bushing - Galvanized
PBMV.032020N	1 1/4" x 3/4"	Reducing Bushing - Galvanized
PBMV.032025N	1 1/4" x 1"	Reducing Bushing - Galvanized
PBMV.040025N	1 1/2" x 1"	Reducing Bushing - Galvanized
PBMV.040032N	1 1/2" x 1 1/4"	Reducing Bushing - Galvanized
PBMV.050025N	2" x 1"	Reducing Bushing - Galvanized
PBMV.050032N	2" x 1 1/4"	Reducing Bushing - Galvanized
PBMV.050040N	2" x 1 1/2"	Reducing Bushing - Galvanized
PBMV.075040N	3" x 1 1/2"	Reducing Bushing - Galvanized
PBMV.075050N	3" x 2"	Reducing Bushing - Galvanized
PBMV.075063N	3" x 2 1/2"	Reducing Bushing - Galvanized



MNPT Adapter -29 inHg

Part No.	Size mm	Size Inches	A	E	S	L	Weight
UVCM0.020015N	20 x 1/2"	3/4 x 1/2	49	37	29	35	1.4 oz
UVCM0.020020N	20 x 3/4"	3/4 x 3/4	51.5	37	29	35	1.4 oz
UVCM0.025015N	25 x 1/2"	1 x 1/2	55	42	36	37	2 oz
UVCM0.025020N	25 x 3/4"	1 x 3/4	55	42	36	37	2 oz
UVCM0.025025N	25 x 1"	1 x 1	60.5	42	36	37	2 oz
UVCM0.040032N	40 x 1 1/4"	1 1/2 x 1 1/4	81	63	53	57	6.5 oz
UVCM0.040040N	40 x 1 1/2"	1 1/2 x 1 1/2	81	63	53	57	6.5 oz
UVCM0.050040N	50 x 1 1/2"	2 x 1 1/2	92	78.5	66	68	11.2 oz
UVCM0.050050N	50 x 2"	2 x 2	95.5	78.5	66	68	11.2 oz
UVCM0.063050N	63 x 2"	2 1/2 x 2	119	95	82	83	1.2 lbs
UVCM0.063063N	63 x 2 1/2"	2 1/2 x 2 1/2	121	95	82	83	1.2 lbs
UVCM0.075063N	75 x 2 1/2"	3 x 2 1/2	122.9	108	100	85.4	1.4 lbs
UVCM0.075075N	75 x 3"	3 x 3	122.9	108	100	85.4	1.5 lbs
UVCM0.090075N	90 x 3"	3 1/2 x 3	130	132	118	93	2.2 lbs



90° Elbow with MNPT -29 inHg

Part No.	Size mm	Size Inches	A	B	E	L	S	Weight
UVCM9.020015N	20 x 1/2"	3/4 x 1/2	62	48	37	35	29	1.8 oz
UVCM9.025015N	25 x 1/2"	1 x 1/2	67	57	42	37	36	2.6 oz
UVCM9.025020N	25 x 3/4"	1 x 3/4	67	57	42	37	36	2.6 oz
UVCM9.040032N	40 x 1 1/4"	1 1/2 x 1 1/4	105	78	63	57	53	9 oz
UVCM9.040040N	40 x 1 1/2"	1 1/2 x 1 1/2	105	78	63	57	53	10 oz
UVCM9.040050N	40 x 2"	1 1/2 x 2	111	85	63	57	53	11 oz
UVCM9.050040N	50 x 1 1/2"	2 x 1 1/2	126	95	78.5	66	66	14.8 oz
UVCM9.063050N	63 x 2"	2 1/2 x 2	159	114	95	83	82	1.8 lbs



FNPT Adapter -29 inHg

Part No.	Size mm	Size Inches	A	E	L	S	Weight
UVCF0.020015N	20 x 1/2"	3/4 x 1/2	55	37	35	29	2 oz
UVCF0.025020N	25 x 3/4"	1 x 3/4	57	42	37	36	2.3 oz
UVCF0.040032N	40 x 1 1/4"	1 1/2 x 1 1/4	80	63	57	53	8.1 oz
UVCF0.050040N	50 x 1 1/2"	2 x 1 1/2	95	78	66	66	11.6 oz
UVCF0.063050N	63 x 2"	2 1/2 x 2	120	95	83	82	1.4 lbs



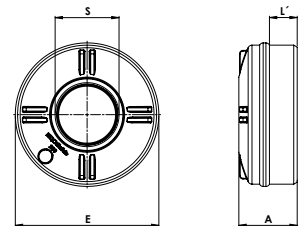
Reducer (fitting x pipe) -29 inHg

Part No.	Size Fitting d1 mm	Size Outlet d2 mm	Size Fitting d1 Inches	Size Outlet d2 Inches	A	E	L	S	Weight
UVSC0.025020	25	20	1	¾	46	33	35	29	1.8 oz
UVSC0.040020	40	20	1½	¾	59.5	52	35	29	5.4 oz
UVSC0.040025	40	25	1½	1	60.6	52	37	36	6.1 oz
UVSC0.050040	50	40	2	1½	73	64.8	57	53	8.5 oz
UVSC0.063040	63	40	2½	1½	86.3	79.5	57	53	13.9 oz
UVSC0.063050	63	50	2½	2	84	79.5	68	66	14.7 oz
UVSC0.075063	75	63	3	2½	93.5	108	85.4	100	1.6 lbs
UVSC0.090063	90	63	3½	2½	111.8	114	83	82	2.5 lbs
UVSC0.090075	90	75	3½	3	115	114	85.4	100	2.3 lbs
UVSC0.110090	110	90	4½	3½	117	123	93	118	2.8 lbs
UVSC0.160110	160	110	6	4½	175	200	73	154	5.7 lbs



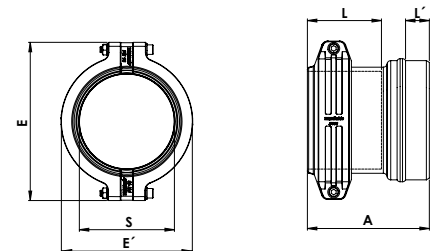
Threaded Reducer Spigot x FNPT -29 inHg

Part No.	Size mm	Size Inches	Weight
UASF0.200075N	200	8	4.4 lbs
UASF0.250075N	250	10	6.2 lbs



Reducer Spigot x Socket -29 inHg

Part No.	Size mm	Size Inches	Weight
UVSC0.200160	200	8	8.1 lbs
UVSC0.250160	250	10	10.6 lbs



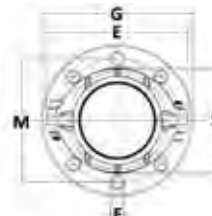
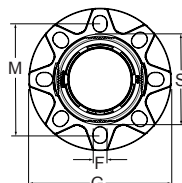
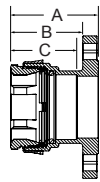
Chamfer Ring Insets

Part No.	Size mm	Size Inches	Description	Weight
CRE160	160	6	Chamfer Ring Inset 160mm	2.8 oz
CRE200	200	8	Chamfer Ring Inset 200mm	2.8 oz
CRE250	250	10	Chamfer Ring Inset 250mm	3.4 oz



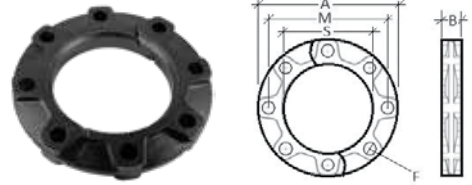
Flange Adapter -29 inHg

Part No.	Size mm	Size Inches	A	B	E	F	G	M	L	S	Weight
UVCJF.090075	90 x 3"	3½ x 3	110	95	NA	20	NA	190	93	130	4.0 lbs
UVCJF.110100	110 x 4"	4½ x 4	99	73	206	18	220	180	75	154	5.5 lbs
UVCJF.160150	160 x 6"	6 x 6	184	171	221	23.5	283	240.5	133.5	221	16.4 lbs



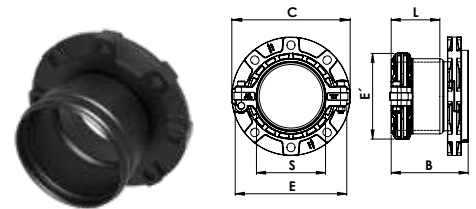
Special Flange (fitting x flange adapter) Elbow or Tee -29 inHg

Part No.	Pipe Size mm	Pipe Size Inches	Weight
UAZJF.110100	110	4½	2.8 lbs
UAZJF.160150	160	6	4.6 lbs



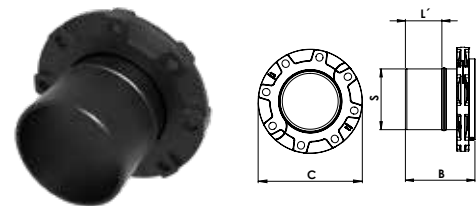
UnipipeEZ Female Flange Adapter (Socket) -29 inHg

Part No.	Pipe Size mm	Pipe Size Inches	A	B	C	D	E	L	Weight
UARJF.200200	200	8	206.3	266	40	20	343	124.3	19.6 lbs
UARJF.250250	250	10	248	410	410	22	410	153.7	27.8 lbs



UnipipeEZ Male Flange Adapter (Spigot) -29 inHg

Part No.	Pipe Size mm	Pipe Size Inches	A	B	C	D	E	L	Weight
UARJS.200200	200	8	229	343	343	20	343	119.4	20.8 lbs
UARJS.250250	250	10	282	410	410	22	410	151.4	29.9 lbs



Butterfly Valves -29 inHg

Lug Style - Epoxy Coated Iron Body with EPDM Seal

Part No.	Size	A	B	C	D	F	M	N	Weight
PP703001	3"	7.13	3.74	1.26	6	3.1	1.5	5/8-11UNC	11 lbs
PP703002	4"	7.87	4.49	1.26	7.5	4.09	1.75	5/8-11UNC	20 lbs
PP703004	6"	8.9	5.47	1.26	9.51	6.13	2	3/4-10UNC	31 lbs
PP703005	8"	10.24	6.89	1.61	11.75	7.97	2	3/4-10UNC	40 lbs
PP703006	10"	11.5	3.74	1.26	6	9.86	2.25	7/8-9UNC	59 lbs



Ball Valve (pipe x pipe) -29 inHg

Part No.	Pipe - Pipe Ømm	Pipe - Pipe Inches	A	B	E	G	L	S	Weight
UVCCV.020020	20	¾	131	73	40	99	35	35	8.1 oz
UVCCV.025020	25 x 20	1 x ¾	131	73	40	102	37	37	8.4 oz
UVCCV.025025	25	1	150	87	50	110.5	37	37	13.4 oz
UVCCV.040040	40	1½	213	121	72	169	57	57	2.1 lbs
UVCCV.050050	50	2	282	156	89	200	68	68	3.5 lbs
UVCCV.063063	63	2½	306	176	109	253.5	83	83	6 lbs



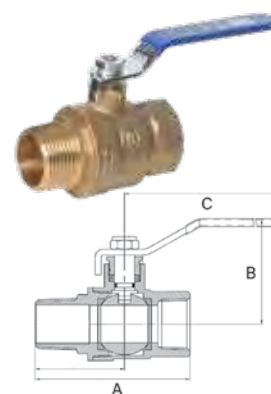
Ball Valve - (pipe x MNPT) -29 inHg (-0.87 bar)

Part No.	Pipe mm - Thread	Pipe Inches - Thread	A	B	E	G	L	S	Weight
UVCMV.020015N	20 x 1/2"	3/4 x 1/2	131	73	40	94	35	29	7.4 oz
UVCMV.025020N	25 x 3/4"	1 x 3/4	150	87	50	104.5	37	36	12.2 oz
UVCMV.040032N	40 x 1 1/4"	1 1/2 x 1 1/4	213	121	72	145.5	57	53	1.9 lbs
UVCMV.050040N	50 x 1 1/2"	2 x 1 1/2	282	156	89	187.5	68	66	3.2 lbs
UVCMV.063050N	63 x 2"	2 1/2 x 2	306	176	109	217	83	82	5.5 lbs



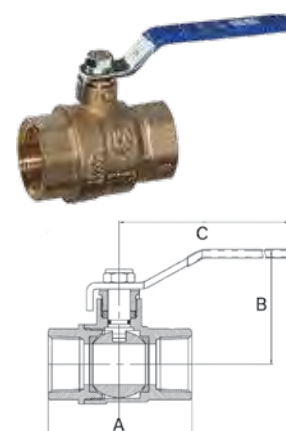
Brass Ball Valves - Male x Female -29 inHg (-0.87 bar)

Part No.	Size	Description	A (in)	B (in)	C (in)	Weight
6510120	1/2" NPT	1/2" Male x Female, Full Flow Type	2.5	1.81	3.46	7.2 oz
6510160	3/4" NPT	3/4" Male x Female, Full Flow Type	3	2.09	4.29	12.3 oz
6510200	1" NPT	1" Male x Female, Full Flow Type	3.27	2.25	4.29	1.2 lbs



Brass Ball Valves - Female x Female -29 inHg (-0.87 bar)

Part No.	Size	Description	A (in)	B (in)	C (in)	Weight
6510100	1/2" NPT	1/2" Female x Female, Full Flow Type	2.24	1.81	3.46	7 oz
6510140	3/4" NPT	3/4" Female x Female, Full Flow Type	2.52	2.09	4.29	12 oz
6510180	1" NPT	1" Female x Female, Full Flow Type	2.97	2.25	4.29	1.1 lbs
6510220	1 1/4" NPT	1 1/4" Female x Female, Full Flow Type	3.44	2.52	5.63	1.7 lbs
6510240	1 1/2" NPT	1 1/2" Female x Female, Full Flow Type	3.88	2.74	5.63	2.3 lbs
6510260	2" NPT	2" Female x Female, Full Flow Type	4.3	3.03	5.63	3.4 lbs
6510270	2 1/2" NPT	2 1/2" Female x Female, Full Flow Type	5.53	4.25	7.76	7.4 lbs
6510280	3" NPT	3" Female x Female, Full Flow Type	6.14	4.58	8.19	9.9 lbs



Locking Ball Valve Handle

Part No.	Size mm	Size Inches	Description
LBVHE20	20	3/4	Locking Ball Valve Handle
LBVHE25	25	1	Locking Ball Valve Handle
LBVHE32	32	1 1/4	Locking Ball Valve Handle
LBVHE40	40	1 1/2	Locking Ball Valve Handle
LBVHE50	50	2	Locking Ball Valve Handle
LBVHE63	63	2 1/2	Locking Ball Valve Handle



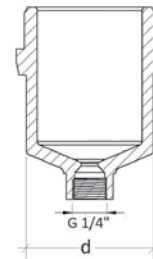
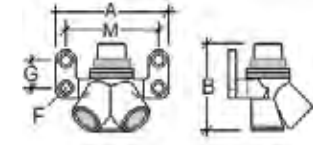
Wall Mounted Drop End -29 inHg (-0.87 bar)

Part No.	Inlet Ømm spigot	Outlet G	No of outlets	A	B	F	G	M	Weight
UASFS.025015N	25	½"	1	99	72	6	24	83	5.1 oz
UASFD.025015N	25	½"	2	99	72	6	24	83	5.7 oz



Fitting Plug with Purge Valve

Part No.	Plug mm	Plug Inches	Pressure bar	Pressure PSI	Weight
UASV0.020008	20	¾"	70	1015	1.1 oz
UASV0.025008	25	1"	70	1015	1.4 oz
UASV0.032008	32	1¼"	70	1015	2 oz
UASV0.040008	40	1½"	70	1015	3.2 oz
UASV0.050008	50	2"	70	1015	5.8 oz
UASV0.063008	63	2½"	70	1015	10 oz
UASV0.075008	75	3"	16	232	10.9 oz
UASV0.090008	90	3½"	16	232	12.1 oz
UASV0.110008	110	4½"	16	232	14.5 oz
UASV0.160008	160	6"	16	232	2.7 lbs



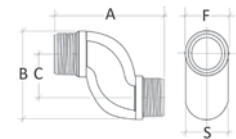
Internal Plug (Spigot) -29 inHg

Part No.	Plug mm	Plug Inches	Pressure bar	Pressure PSI	Weight
UASV0.200008	200	8"	16	232	4.4 lbs
UASV0.250008	250	10"	16	232	6.2 lbs



Offset Nipple -29 inHg

Part No.	G	A	B	C	F	S	Weight
UCMMG.015015N	½" x ½"	56	40	20	20	19	.9 oz



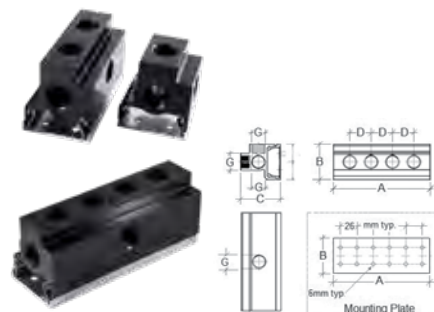
Fitting to Male Threaded Connector -29 inHg

Part No.	Size mm	Size Inches	Description	A	B	S	Weight
UCSM0.020015N	20 x ½"	¾ x ½"	Fitting to Male Threaded Connector	45.5	28	25	1.2 oz
UCSM0.025020N	25 x ¾"	1 x ¾"	Fitting to Male Threaded Connector	50	33	30	1.5 oz
UCSM0.032025N	32 x 1"	1¼ x 1"	Fitting to Male Threaded Connector	63	41.5	38	3.2 oz
UCSM0.040032N	40 x 1¼"	1½ x 1¼"	Fitting to Male Threaded Connector	74	52.5	47	5.9 oz
UCSM0.050040N	50 x 1½"	2 x 1½"	Fitting to Male Threaded Connector	87.5	65.5	59	11.5 oz
UCSM0.063050N	63 x 2"	2½ x 2"	Fitting to Male Threaded Connector	109	79.5	74	1.25 lbs
UCSM0.075075N	75 x 3"	3 x 3"	Fitting to Male Threaded Connector	127	90	100	1.8 lbs
UCSM0.090075N	90 x 3"	3½ x 3"	Fitting to Male Threaded Connector	134	114	100	2.5 lbs



Wall Mounted Manifold -29 inHg

Part No.	G	G1	Front Ports	A	B	D	All Ports	Weight
UCFFM.015015N	1/2"	1/2"	1	50	56	-	4	7.1 oz
UCFFN.015015N	1/2"	1/2"	2	102	56	46	5	15.3 oz
UCFFP.015015N	1/2"	1/2"	4	154	56	34	7	1.4 lbs



Drip Leg Valve -29 inHg

Part No.	Size	Description	A (in)	B (in)	Weight
DLVE15N	1/2"	Drip Leg Valve - 1/2 MNPT	1	0.82	1.6 oz



unipipe[®] The Unipipe Advantage

No Special Tools Required

Unipipe is a modular aluminum piping system available in a broad range of sizes, pressures, and fittings. The heavy-wall pipe is rated for 1015 PSI and no special tools are required for assembly or installation.

All piping and fittings are 100% aluminum. It is available in the broadest range of sizes on the market - 3/4" to 10" diameters.

Pressure Capacity

The Unipipe System is suitable for a very wide pressure ranges from high vacuum to 1015 PSI.

Vast Temperature Capabilities

Unipipe offers a range of working temperature from -4°F up to 212°F (-20°C up to 100°C).

Quick & Easy

Unipipe connects together quickly and easily. Only basic, standard tools are required to create complex piping systems. No grooving or crimping are necessary.

Flexible

Unipipe's range of pipe sizes and fittings offer one of the most convenient, flexible and dynamic piping solutions on the market. It is suitable for many different applications.

Universal

Unipipe offers the widest product range for the transport of compressed air, inert gases, and vacuum, as well as high pressure air and fluids.

13 Pipe Sizes Available

3/4"	(20mm)	3-1/2"	(90mm)
1"	(25mm)	4-1/2"	(110mm)
1-1/4"	(32mm)	5"	(140mm)
1-1/2"	(40mm)	6"	(160mm)
2"	(50mm)	8"	(200mm)
2-1/2"	(63mm)	10"	(250mm)
3"	(75mm)		



UnipipeHP Pipe 1015 PSI

Part No.	Size mm	Size Inches	Wall Thickness mm	PSI	Length m	Length Feet	Weight
UCTT0.020400	20	¾	2.0	1015	4	13	2.1 lbs
UCTT0.025400	25	1	2.5	1015	4	13	2.9 lbs
UCTT0.040400	40	1½	4.0	1015	4	13	5.7 lbs
UCTT0.050400	50	2	5.0	1015	4	13	7.7 lbs
UCTT0.063400	63	2½	6.0	1015	4	13	12.4 lbs



UnipipeHP Pipe 1015 PSI

Part No.	Size mm	Size Inches	Wall Thickness mm	PSI	Length m	Length Feet	Weight
CUCTT0.020200	20	¾	2.0	1015	2	6.5	1.1 lbs
CUCTT0.025200	25	1	2.5	1015	2	6.5	1.5 lbs
CUCTT0.040200	40	1½	4.0	1015	2	6.5	2.9 lbs
CUCTT0.050200	50	2	5.0	1015	2	6.5	3.9 lbs
CUCTT0.063200	63	2½	6.0	1015	2	6.5	6.2 lbs



Straight Coupling 1015 PSI

Part No.	Size mm	Size Inches	bar	A	L	E	S	Weight
UCCC0.020020	20	¾	70	70	35	37	29	2.5 oz
UCCC0.025025	25	1	70	75	37	42	36	3.4 oz
UCCC0.040040	40	1½	70	117	57	63	53	11.9 oz
UCCC0.050050	50	2	70	138	68	78.5	66	1.2 lbs
UCCC0.063063	63	2½	70	173	83	95	82	2.2 lbs



Sliding Straight Coupling 1015 PSI

Part No.	Size mm	Size Inches	A	E	S	Weight
UCCC1.020020	20	¾	70	37	29	2.5 oz
UCCC1.025025	25	1	75	42	36	3.4 oz
UCCC1.040040	40	1½	117	63	53	11.9 oz
UCCC1.050050	50	2	138	78.5	66	1.2 lbs
UCCC1.063063	63	2½	173	95	82	2.2 lbs



90° Elbow 1015 PSI

Part No.	Size mm	Size Inches	A	E	L	S	Weight
UCCC9.020020	20	¾	60	37	35	29	3 oz
UCCC9.025025	25	1	76	42	37	36	4 oz
UCCC9.040040	40	1½	112	63	57	53	1.2 lbs
UCCC9.050050	50	2	143	78.5	68	66	1.5 lbs
UCCC9.063063	63	2½	168	95	83	82	2.4 lbs



45° Elbow 1015 PSI

Part No.	Size mm	Size Inches	A	B	E	L	S	Weight
UCCC4.020020	20	¾	85	59	37	35	29	3.2 oz
UCCC4.025025	25	1	95	68	42	37	36	3.9 oz
UCCC4.040040	40	1½	141	101	63	57	53	12 oz
UCCC4.050050	50	2	171	124	78.5	68	66	1.4 lbs
UCCC4.063063	63	2½	207	150	95	83	82	2.3 lbs



Equal Tee 1015 PSI

Part No.	Size mm	Size Inches	A	B	E	L	S	Weight
UCCCT.020020	20	¾	101	68	37	35	29	4.3 oz
UCCCT.025025	25	1	111	75	42	37	36	5.7 oz
UCCCT.040040	40	1½	162	110	63	57	53	1 lb
UCCCT.050050	50	2	206	141	78.5	68	66	2 lbs
UCCCT.063063	63	2½	230	160	95	83	82	3.1 lbs



Tee with FNPT Branch Line 1015 PSI

Part No.	Size mm	Size Inches	A	B	E	L	S	Weight
UCCFT.020015N	20 x 20 x ½"	¾ x ¾ x ½	101	48	37	35	29	3.4 oz
UCCFT.025020N	25 x 25 x ¾"	1 x 1 x ¾	111	57	42	37	36	4.7 oz
UCCFT.040032N	40 x 40 x 1¼"	1½ x 1½ x 1¼	162	78	63	57	53	12.8 oz
UCCFT.050040N	50 x 50 x 1½"	2 x 2 x 1½	206	95	78.5	66	66	1.6 lbs
UCCFT.063050N	63 x 63 x 2"	2½ x 2½ x 2	230	114	95	83	82	2.5 lbs



90° Elbow with MNPT 1015 PSI

Part No.	Size mm	Size Inches	A	B	E	L	S	Weight
UCCM9.020015N	20 x ½"	¾ x ½	62	48	37	35	29	1.8 oz
UCCM9.025020N	25 x ¾"	1 x ¾	67	57	42	37	36	2.6 oz
UCCM9.040032N	40 x 1¼"	1½ x 1¼	105	78	63	57	53	9 oz
UCCM9.050040N	50 x 1½"	2 x 1½	126	95	78.5	66	66	14.8 oz
UCCM9.063050N	63 x 2"	2½ x 2	159	114	95	83	82	1.8 lbs



MNPT Adapter 1015 PSI

Part No.	Size mm	Size Inches	A	E	S	L	Weight
UCCM0.020015N	20 x 1/2"	3/4 x 1/2	49	37	29	35	1.4 oz
UCCM0.020020N	20 x 3/4"	3/4 x 3/4	51.5	37	29	35	1.4 oz
UCCM0.025015N	25 x 1/2"	1 x 1/2	55	42	36	37	2 oz
UCCM0.025020N	25 x 3/4"	1 x 3/4	55	42	36	37	2 oz
UCCM0.025025N	25 x 1"	1 x 1	60.5	42	36	37	2 oz
UCCM0.040032N	40 x 1 1/4"	1 1/2 x 1 1/4	81	63	53	57	6.5 oz
UCCM0.040040N	40 x 1 1/2"	1 1/2 x 1 1/2	81	63	53	57	6.5 oz
UCCM0.050040N	50 x 1 1/2"	2 x 1 1/2	92	78.5	66	68	11.2 oz
UCCM0.050050N	50 x 2"	2 x 2	95.5	78.5	66	68	11.2 oz
UCCM0.063050N	63 x 2"	2 1/2 x 2	119	95	82	83	1.2 lbs
UCCM0.063063N	63 x 2 1/2"	2 1/2 x 2 1/2	121	95	82	83	1.2 lbs



FNPT Adapter 1015 PSI

Part No.	Size mm	Size Inches	A	E	L	S	Weight
UCCF0.020015	20 x 1/2"	3/4 x 1/2	55	37	35	29	2 oz
UCCF0.025020	25 x 3/4"	1 x 3/4	57	42	37	36	2.3 oz
UCCF0.040032	40 x 1 1/4"	1 1/2 x 1 1/4	80	63	57	53	8.1 oz
UCCF0.050040	50 x 1 1/2"	2 x 1 1/2	95	78	66	66	11.6 oz
UCCF0.063050	63 x 2"	2 1/2 x 2	120	95	83	82	1.4 lbs



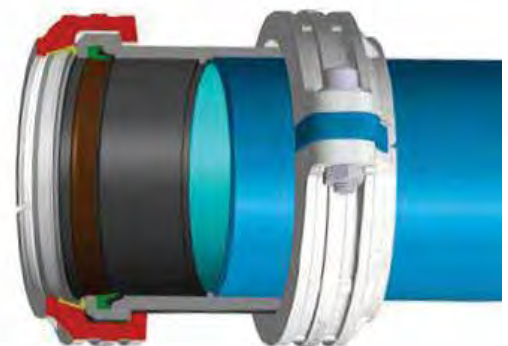
Reducer (fitting x pipe) 1015 PSI

Part No.	Size Fitting d1 mm	Size Outlet d2 mm	Size Fitting d1 Inches	Size Outlet d2 Inches	A	E	L	S	Weight
UCSC0.025020	25	20	1	3/4	46	33	35	29	1.8 oz
UCSC0.040020	40	20	1 1/2	3/4	59.5	52	35	29	5.4 oz
UCSC0.040025	40	25	1 1/2	1	60.6	52	37	36	6.1 oz
UCSC0.040032	40	32	1 1/2	1 1/4	54.6	52	46	43	4.2 oz
UCSC0.050040	50	40	2	1 1/2	73	64.8	57	53	8.5 oz
UCSC0.063040	63	40	2 1/2	1 1/2	86.3	79.5	57	53	13.9 oz
UCSC0.063050	63	50	2 1/2	2	84	79.5	68	66	14.7 oz



**The highest pressure rated
aluminum pipe system
on the market.**

**The pipe will burst
before the fitting will fail!**



HP Ball Valve (pipe x pipe) 580 PSI

Part No.	Pipe - Pipe mm	Pipe - Pipe Inches	A	B	E	G	L	S	Weight
UCCCV.020020	20	¾	131	73	40	99	35	35	8.1 oz
UCCCV.025020	25 x 20	1 x ¾	131	73	40	102	37	37	8.4 oz
UCCCV.025025	25	1	150	87	50	110.5	37	37	13.4 oz
UCCCV.040040	40	1½	213	121	72	169	57	57	2.1 lbs
UCCCV.050050	50	2	282	156	89	200	68	68	3.5 lbs
UCCCV.063063	63	2½	306	176	109	253.5	83	83	6 lbs



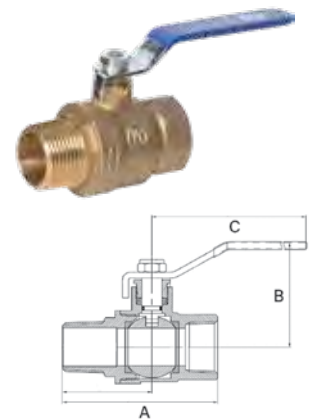
HP Ball Valve - (pipe x MNPT) 580 PSI

Part No.	Pipe mm - Thread	Pipe Inches - Thread	A	B	E	G	L	S	Weight
UCCMV.020015N	20 x ½"	¾ x ½	131	73	40	94	35	29	7.4 oz
UCCMV.025020N	25 x ¾"	1 x ¾	150	87	50	104.5	37	36	12.2 oz
UCCMV.040032N	40 x 1¼"	1½ x 1¼	213	121	72	145.5	57	53	1.9 lbs
UCCMV.050040N	50 x 1½"	2 x 1½	282	156	89	187.5	68	66	3.2 lbs
UCCMV.063050N	63 x 2"	2½ x 2	306	176	109	217	83	82	5.5 lbs



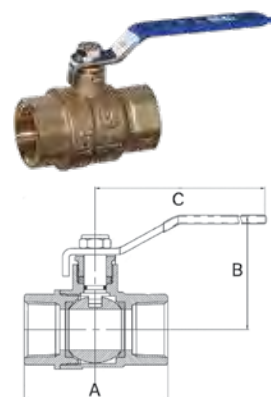
Brass Ball Valves - Male x Female 600 PSI

Part No.	Size	Description	A (in)	B (in)	C (in)	Weight
6510120	½" NPT	½" Male x Female, Full Flow Type	2.5	1.81	3.46	7.2 oz
6510160	¾" NPT	¾" Male x Female, Full Flow Type	3	2.09	4.29	12.3 oz
6510200	1" NPT	1" Male x Female, Full Flow Type	3.27	2.25	4.29	1.2 lbs



Brass Ball Valves - Female x Female 600 PSI

Part No.	Size	Description	A (in)	B (in)	C (in)	Weight
6510100	½" NPT	½" Female x Female, Full Flow Type	2.24	1.81	3.46	7 oz
6510140	¾" NPT	¾" Female x Female, Full Flow Type	2.52	2.09	4.29	12 oz
6510180	1" NPT	1" Female x Female, Full Flow Type	2.97	2.25	4.29	1.1 lbs
6510220	1¼" NPT	1¼" Female x Female, Full Flow Type	3.44	2.52	5.63	1.7 lbs
6510240	1½" NPT	1½" Female x Female, Full Flow Type	3.88	2.74	5.63	2.3 lbs
6510260	2" NPT	2" Female x Female, Full Flow Type	4.3	3.03	5.63	3.4 lbs
6510270	2½" NPT	2½" Female x Female, Full Flow Type	5.53	4.25	7.76	7.4 lbs



Locking Ball Valve Handle

Part No.	Size mm	Size Inches	Description
LBVHE20	20	¾	Locking Ball Valve Handle
LBVHE25	25	1	Locking Ball Valve Handle
LBVHE32	32	1¼	Locking Ball Valve Handle
LBVHE40	40	1½	Locking Ball Valve Handle
LBVHE50	50	2	Locking Ball Valve Handle
LBVHE63	63	2½	Locking Ball Valve Handle



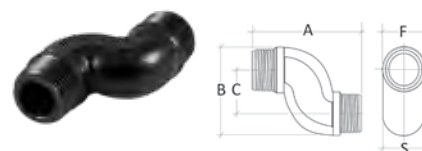
Fitting Plug with Purge Valve 1015 PSI

Part No.	Plug mm	Plug Inches	Pressure bar	Pressure PSI	Weight
UASV0.020008	20	¾	70	1015	1.1 oz
UASV0.025008	25	1	70	1015	1.4 oz
UASV0.032008	32	1¼	70	1015	2 oz
UASV0.040008	40	1½	70	1015	3.2 oz
UASV0.050008	50	2	70	1015	5.8 oz
UASV0.063008	63	2½	70	1015	10 oz



Offset Nipple 1015 PSI

Part No.	G	A	B	C	F	S	Weight
UCMMG.015015N	½" x ½"	56	40	20	20	19	.9 oz



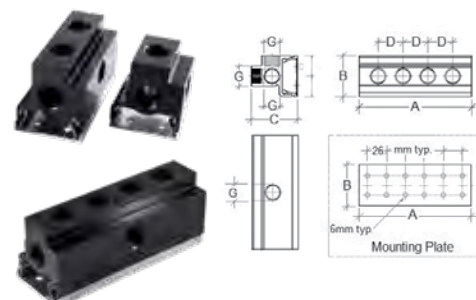
Fitting to Male Threaded Connector 1015 PSI

Part No.	Size mm	Size Inches	Description	A	B	S	Weight
UCSM0.020015N	20 x ½"	¾ x ½	Fitting to Male Threaded Connector	45.5	28	25	1.2 oz
UCSM0.025020N	25 x ¾"	1 x ¾	Fitting to Male Threaded Connector	50	33	30	1.5 oz
UCSM0.032025N	32 x 1	1¼ x 1	Fitting to Male Threaded Connector	63	41.5	38	3.2 oz
UCSM0.040032N	40 x 1¼"	1½ x 1¼	Fitting to Male Threaded Connector	74	52.5	47	5.9 oz
UCSM0.050040N	50 x 1½"	2 x 1½	Fitting to Male Threaded Connector	87.5	65.5	59	11.5 oz
UCSM0.063050N	63 x 2"	2½ x 2	Fitting to Male Threaded Connector	109	79.5	74	1.25 lbs



Wall Mounted Manifold 1015 PSI

Part No.	G	G1	Front Ports	A	B	D	All Ports	Weight
UCFFM.015015N	½"	½"	1	50	56	-	4	7.1 oz
UCFFN.015015N	½"	½"	2	102	56	46	5	15.3 oz
UCFFP.015015N	½"	½"	4	154	56	34	7	1.4 lbs



UnipipeOIL Pipe 1015 PSI

Part No.	Size mm	Size Inches	Wall Thickness mm	PSI	Length m	Length Feet	Weight
UOTT0.020400	20	¾	2.0	1015	4	13	2.1 lbs
UOTT0.025400	25	1	2.5	1015	4	13	2.9 lbs



UnipipeOIL Pipe 1015 PSI

Part No.	Size mm	Size Inches	Wall Thickness mm	PSI	Length m	Length Feet	Weight
CUOTT0.020200	20	¾	2.0	1015	2	6.5	1.1 lbs
CUOTT0.025200	25	1	2.5	1015	2	6.5	1.5 lbs



Straight Coupling 1015 PSI

Part No.	Size mm	Size Inches	bar	A	L	E	S	Weight
UOCC0.020020	20	¾	70	70	35	37	29	2.5 oz
UOCC0.025025	25	1	70	75	37	42	36	3.4 oz



Sliding Straight Coupling 1015 PSI

Part No.	Size mm	Size Inches	A	E	S	Weight
UOCC1.020020	20	¾	70	37	29	2.5 oz
UOCC1.025025	25	1	75	42	36	3.4 oz



90° Elbow 1015 PSI

Part No.	Size mm	Size Inches	A	E	L	S	Weight
UOCC9.020020	20	¾	60	37	35	29	3 oz
UOCC9.025025	25	1	76	42	37	36	4 oz



45° Elbow 1015 PSI

Part No.	Size mm	Size Inches	A	B	E	L	S	Weight
UOCC4.020020	20	¾	85	59	37	35	29	3.2 oz
UOCC4.025025	25	1	95	68	42	37	36	3.9 oz



Equal Tee 1015 PSI

Part No.	Size mm	Size Inches	A	B	E	L	S	Weight
UOCCT.020020	20	¾	101	68	37	35	29	4.3 oz
UOCCT.025025	25	1	111	75	42	37	36	5.7 oz



Tee with FNPT Branch Line 1015 PSI

Part No.	Size mm	Size Inches	A	B	E	L	S	Weight
UOCFT.020015N	20 x 20 x ½"	¾ x ¾ x ½	101	48	37	35	29	3.4 oz
UOCFT.025020N	25 x 25 x ¾"	1 x 1 x ¾	111	57	42	37	36	4.7 oz



90° Elbow with MNPT 1015 PSI

Part No.	Size mm	Size Inches	A	B	E	L	S	Weight
UOCM9.020015N	20 x ½"	¾ x ½	62	48	37	35	29	1.8 oz
UOCM9.025020N	25 x ¾"	1 x ¾	67	57	42	37	36	2.6 oz



MNPT Adapter 1015 PSI

Part No.	Size mm	Size Inches	A	E	S	L	Weight
UOCM0.020015N	20 x ½"	¾ x ½"	49	37	29	35	1.4 oz
UOCM0.020020N	20 x ¾"	¾ x ¾"	51.5	37	29	35	1.4 oz
UOCM0.025020N	25 x ¾"	1 x ¾"	55	42	36	37	2 oz
UOCM0.025025N	25 x 1"	1 x 1"	60.5	42	36	37	2 oz



FNPT Adapter 1015 PSI

Part No.	Size mm	Size Inches	A	E	L	S	Weight
UOCF0.020015	20 x ½"	¾ x ½	55	37	35	29	2 oz
UOCF0.025020	25 x ¾"	1 x ¾	57	42	37	36	2.3 oz



Reducer (fitting x pipe) 1015 PSI

Part No.	Size Fitting d1 mm	Size Outlet d2 mm	Size Fitting d1 mm	Size Outlet d2 Inches	A	E	L	S	Weight
UOSC0.025020	25	20	1	¾	46	33	35	29	1.8 oz
UOSC0.040020	40	20	1½	¾	59.5	52	35	29	5.4 oz



Oil Ball Valve (pipe x pipe) 580 PSI

Part No.	Pipe - Pipe mm	Pipe - Pipe Inches	A	B	E	G	L	S	Weight
UOCCV.020020	20	¾	131	73	40	99	35	35	8.1 oz
UOCCV.025020	25 x 20	1 x ¾	131	73	40	102	37	37	8.4 oz
UOCCV.025025	25	1	150	87	50	110.5	37	37	13.4 oz



Oil Ball Valve - (pipe x MNPT) 580 PSI

Part No.	Pipe mm - Thread	Pipe Inches - Thread	A	B	E	G	L	S	Weight
UOCMV.020015N	20 x ½"	¾ x ½	131	73	40	94	35	29	7.4 oz
UOCMV.025020N	25 x ¾"	1 x ¾	150	87	50	104.5	37	36	12.2 oz



unipipe[®] The Unipipe Advantage

No Special Tools Required

Unipipe is a modular aluminum piping system available in a broad range of sizes, pressures, and fittings. The heavy-wall pipe is rated for 1015 PSI and no special tools are required for assembly or installation.

All piping and fittings are 100% aluminum. It is available in the broadest range of sizes on the market - ¾" to 10" diameters.

Pressure Capacity

The Unipipe System is suitable for a very wide pressure ranges from high vacuum to 1015 PSI.

Vast Temperature Capabilities

Unipipe offers a range of working temperature from -4°F up to 212°F (-20°C up to 100°C).

Quick & Easy

Unipipe connects together quickly and easily. Only basic, standard tools are required to create complex piping systems. No grooving or crimping are necessary.

Flexible

Unipipe's range of pipe sizes and fittings offer one of the most convenient, flexible and dynamic piping solutions on the market. It is suitable for many different applications.

Universal

Unipipe offers the widest product range for the transport of compressed air, inert gases, and vacuum, as well as high pressure air and fluids.

13 Pipe Sizes Available

¾"	(20mm)	3-½"	(90mm)
1"	(25mm)	4-½"	(110mm)
1-¼"	(32mm)	5"	(140mm)
1-½"	(40mm)	6"	(160mm)
2"	(50mm)	8"	(200mm)
2-½"	(63mm)	10"	(250mm)
3"	(75mm)		

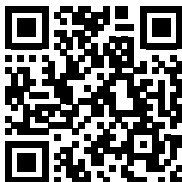


Install Special Flange Coupler • Elbow • Tee 4-1/2 to 10" (110mm - 250mm)



Typical application of Fitting Flange converting an Elbow and a Tee to Flanged connection.

Check Out The How-To Video



Remove the bolts, clamp ring halves and the Grip Ring leaving the end of the fitting ready for the Fitting Flange.



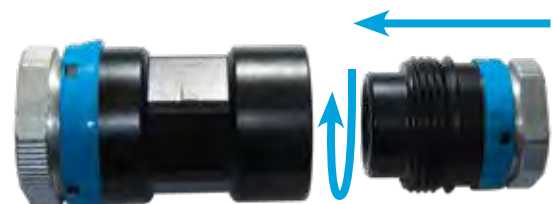
Fit both halves of the Fitting Flange behind the face of the body, ready to install where needed.



Install Reducer Coupler • Elbow • Tee 1" to 3-1/2" (25mm - 90mm)



Unscrew the nut and remove the grip ring and identification collar.



Insert and tighten the reducer in the desired position.

Install Reducer in Fitting Coupler • Elbow • Tee 4-1/2" to 10" (110mm-250mm)



Remove the bolts, clamp ring halves and the Grip Ring leaving the end of the fitting ready for the Reducer. Discard the grip ring.



Insert the Reducer in the desired position, reassemble the clamp halves and tighten the bolts and nuts at a torque value of 11 lb-ft.

Install Plug in Fitting Coupler • Elbow • Tee 1" to 3-1/2" (25mm–90mm)

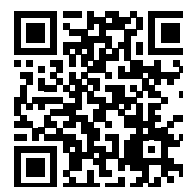


Unscrew the nut and remove the grip ring and identification collar. Discard the grip ring.



Insert the Plug into the fitting. Reassemble the identification ring and firmly tighten the nut.

Check Out The How-To Video



Install Branch 1" to 3-1/2" (25mm-63mm)



1. Clamp Half
2. Fixed Seal
3. Branch Body
4. Clamp Bolt
5. Plug
6. Grip Ring
7. Identification Collar
8. Nut



1 Verify the section of pipe where the branch is to be installed is free from scratches or dents.

Completely unscrew the clamp bolt.

Separate the clamp half by sliding it sideways from the body.



2 Position the main branch body in its correct position, making sure the seal is correctly located.

Slide the clamp half back into the fitting, lining up the screw holes.

Adjust branch to its final position and tighten the bolt.



3 Unscrew the plug.



4 Drill hole in pipe using a hole saw matched for a clearance fit on the diameter of the inner hole.

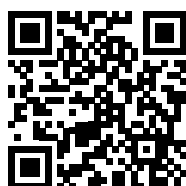
Carefully deburr edges of hole and remove all swarf.



5 Replace plug and tighten.

Insert Branch line following standard procedures.

Check Out The How-To Video



Branch Size	Hole Saw Size
25	1/2" (14mm)
32	1/2" (14mm)
40	3/4" (19mm)
50	3/4" (19mm)
63	3/4" (19mm)

Install Saddle Branch 1" to 10" (25mm-250mm)



1 Completely remove the bolt.
Slide the clamp half to one side until it is free.
Check the seal is in place in the Saddle Branch body.



2 Place the Saddle Branch body in its approximate position.
Slide the clamp half into the body.
Check final position then insert bolt and tighten.

Branch Size	Hole Saw Size
1/2"	1/2" (14mm)
3/4"	3/4" (19mm)
1"	1" (24mm)
2"	2" (48mm)
3"	3" (79mm)



3 Drill hole in pipe using a hole saw matched for a clearance fit on the diameter of the inner hole.
Carefully deburr edges of hole and remove all metal shavings.



Typical Application for Saddle Branch



1. Saddle Branch Body
2. Saddle Clamp Half
3. Gasket Seal
4. Washer
5. Socket Head Bolt

Unipipe Assembly Instructions 3/4" to 3-1/2" (20mm-90mm)



1 CUTTING: Cut the pipe using burr-free approved cutters. Do not use oxy-acetylene or abrasive cut off wheels.

Pipes must be cut at right angles to their axis, using a pipe cutter or fine-tooth saw, allowing for the depth of insertion into the fitting.



2 DEBURRING: All pipe cuts must be carefully deburred, both inside and outside, using a manual or electric deburring tool. Any cutting residue (swarf) must be removed to avoid damage to the O-ring when the pipe is inserted into the fitting, avoiding possible leaks.



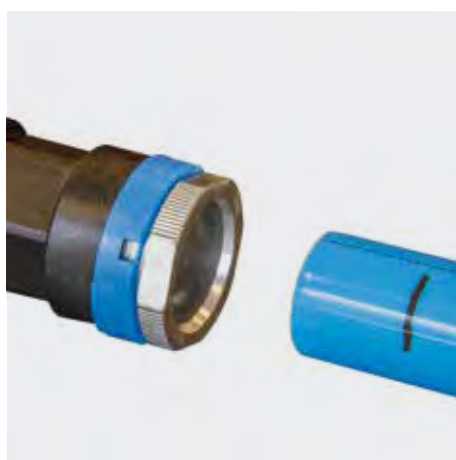
3 MARK INSERTION DEPTH: To ensure a correctly inserted joint, the pipe must be marked with a fine-point marker to show the insertion depth in the fitting, or by measurement using the table below. The use of a Unipipe Depth Gauge is recommended.

Insertion Depth

Pipe Diameter	20mm	25mm	32mm	40mm	50mm	63mm	75mm	90mm
Distance From End	35mm	37mm	46mm	57mm	68mm	83mm	86mm	93mm



Check Out
The Assembly
Video



4 LOOSEN NUT: Check that all components are correctly positioned inside the fitting.



5 LUBRICATION: Use soapy water, silicone spray or a lubricant that is compatible with the intended use. Lubrication is optional, but will assist inserting the pipe through the seal ring.

Do not use silicone spray if intended use is for powder coating, spray painting or breathing air.



6 INSERT and TIGHTEN: Insert the pipe up to the mark, ensuring the axis of the pipe and the fitting are straight. Tighten the nut by hand and then with a wrench for 1/4-turn more or until the pipe starts to turn. DO NOT OVERTIGHTEN.

Unipipe Assembly Instructions 4-1/2" to 10" (110mm-250mm)



1 CUTTING: Cut the pipe using burr-free approved cutters. Do not use oxy-acetylene or abrasive cut off wheels. Pipes must be cut at right angles to their axis, using a pipe cutter or fine-tooth saw, allowing for the depth of insertion into the fitting.



2 DEBURRING: All pipe cuts must be carefully deburred, both inside and outside, using a manual or electric deburring tool. Any cutting residue (swarf) must be removed to preclude damage to the O-ring when the pipe is inserted into the fitting, avoiding possible leaks.



3 MARK INSERTION DEPTH:

To ensure a correctly inserted joint, the pipe must be marked with a fine-point marker to show the insertion depth in the fitting, or by measurement using the table below. The use of a Unipipe Depth Gauge is recommended.

Insertion Depth

Pipe Diameter	110mm	140mm	160mm	200mm	250mm
Distance From End	73mm	92mm	134mm	Coming Soon	Coming Soon



4 LOOSEN NUT: Loosen the nuts of the relevant clamp halves.



5 LUBRICATION: Use soapy water, silicone spray or a lubricant that is compatible with the intended use. Lubrication is optional, but will assist inserting the pipe through the seal ring. Do not use silicone spray if intended use is for powder coating, spray painting or breathing air.



6 INSERT and TIGHTEN:

Insert the pipe into the fitting up to the depth mark, ensuring the axis of the pipe and the fitting are straight. Tighten the bolts with a spanner to a torque value of 11 lb-ft.

UnipipeEZ Assembly Tool Instructions 4-1/2" to 10" (110mm-250mm)



Step 1:
Procure UnipipeEZ Install Tool



Step 2:
Align groove on socket pipe to groove on UnipipeEZ Install Tool.



Step 3:
Fasten both sides of the UnipipeEZ Install Tool around the pipe.



Step 4:
Tighten both sides of the UnipipeEZ Install Tool with socket wrench.



Step 5:
Use power drill to close the UnipipeEZ Install Tool and insert pipe together.



Step 6:
Release UnipipeEZ Install Tool from pipe.



Step 7:
Loosen bolts on coupling to put around the pipe on the groove.



Step 8:
Tighten bolts on coupling once the coupling is placed on UnipipeEZ.



Unipipe is offered with a warranty against defects in manufacturing or materials. It remains the responsibility of the user to ensure that the fittings and related products are suitable for the application. The installation must be carried out by a competent person in accordance with the enclosed recommendations, complying with recognized codes of practice and relevant standards, and be properly maintained. Refer to our terms and conditions.

Unipipe has a policy of continuous improvement, research, and development. We reserve the right to amend the specifications and design of all products without notice.

unipipe®

225 Spring Lake Drive
Itasca, IL 60143
888.966.9007

www.UnipipeSolutions.com