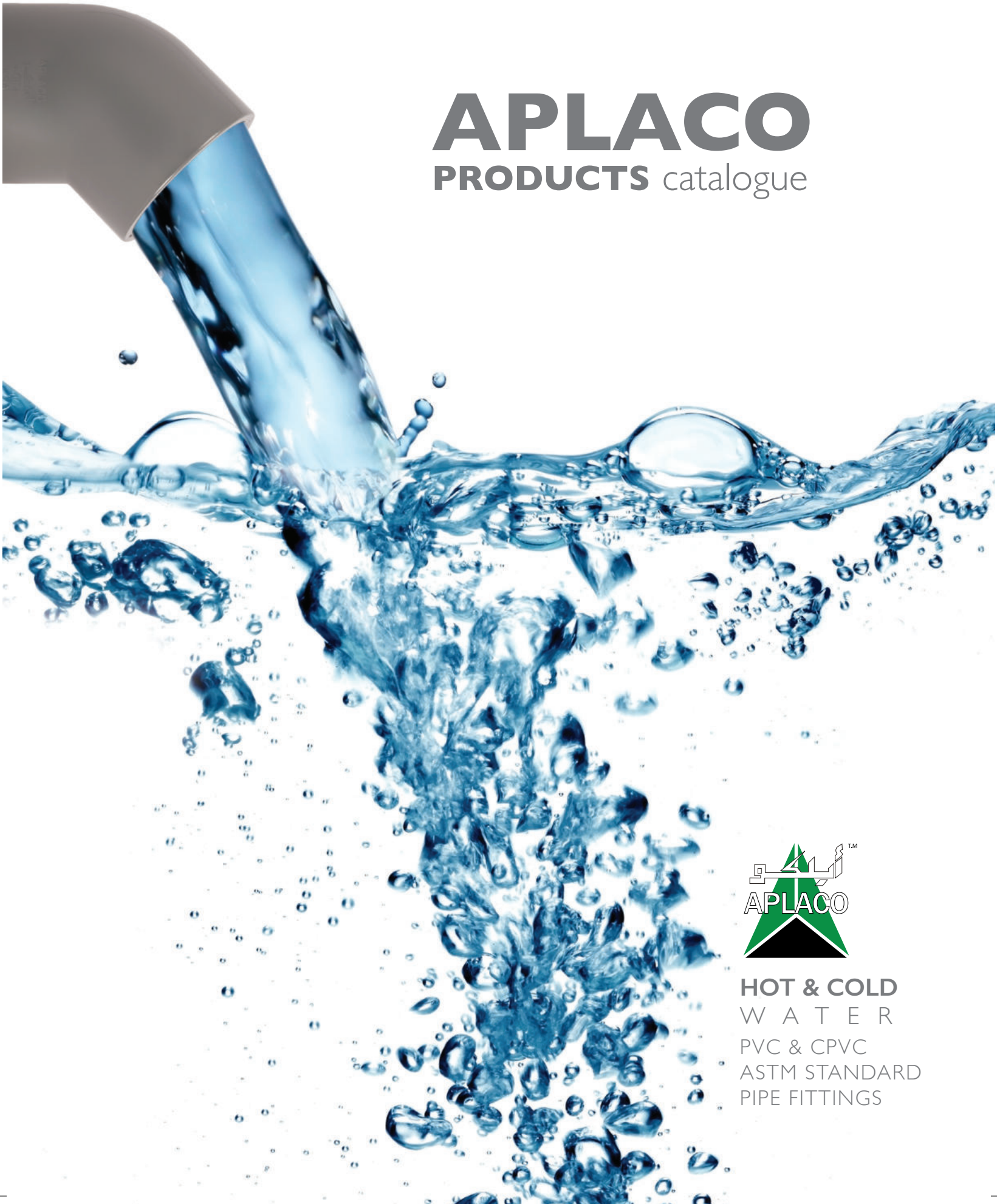


A high-speed photograph of water being poured from a grey pipe into a pool of water, creating a large splash with many bubbles and droplets.

APLACO

PRODUCTS catalogue



HOT & COLD
W A T E R
PVC & CPVC
ASTM STANDARD
PIPE FITTINGS

1. Advantages of APLACO Quality Fittings

2. Range of Fittings

3. Catalogue of Individual CPVC Schedule 80 Fittings

4. Catalogue of Individual PVC Schedule 80 Fittings

5. Catalogue of Individual PVC Schedule 40 Fittings

6. Technical Information:

- General Information.
- Application Standards.
- Properties of CPVC Schedule 80.
- Properties of UPVC Schedule 40 & 80.
- Flow Guard
- Temperature Pressure Relationship.
- Joining ,Safety Precautions and Joint Curing Time.

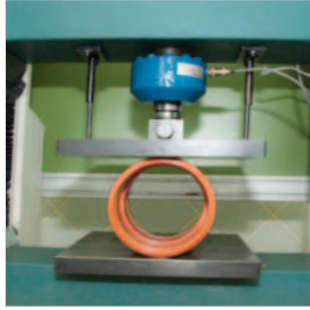






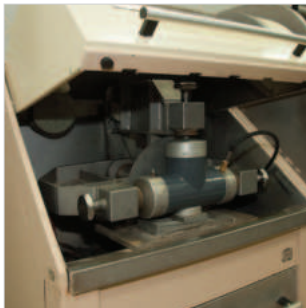
وصلات أنابيب أبلكو عالية الجودة

- مجموعة واسعة من وصلات الأنابيب البلاستيكية
- ٢٥ عاما من الخبرة الواسعة في مجالات استخدام المنتج
- فحص دقيق لكل شحنة من المواد الأولية قبل البدء بالتصنيع
- مصنعة للتغلب على الظروف الاستثنائية للتشغيل
- خاضعة لفحوصات مراقبة الجودة الدولية
- شبكات توزيع واسعة ودعم متواصل للعملاء



ADVANTAGES OF APLACO QUALITY FITTINGS

- 25 years of Application Know how.
- Strict Control of each Raw Material Delivery.
- Products Manufactured to Exceptionally High Tolerances.
- Regular Production Quality Control Test.
- Customer Support and Good Distribution Network.



APLACO RANGE OF FITTINGS

CPVC 80 FITTINGS



ELBOW 90 EDG.



MALE ADAPTER



ELBOW 45 EDG.



ELBOW
(SLIP X FPT)



TEE 90 EDG.



ELBOW WITH
BRASS INSERT



COUPLING



TEE WITH
BRASS INSERT



FEMALE ADAPTER



COUPLING WITH
BRASS INSERT



UNION



MALE ADAPTER
WITH BRASS INSERT



CAP



VAN STONE FLANGE
(S)



SHORT REDUCER



TYPE 375
BALL VALVE

PVC 80 FITTINGS



ELBOW 90 EDG.



MALE ADAPTER



ELBOW 45 EDG.



ELBOW
(SLIP X FPT)



TEE 90 EDG.



ELBOW WITH
BRASS INSERT



COUPLING



TEE WITH
BRASS INSERT



FEMALE ADAPTER



COUPLING WITH
BRASS INSERT



UNION



MALE ADAPTER
WITH BRASS INSERT



CAP



VAN STONE FLANGE
(S)



SHORT REDUCER



TYPE 375 TRUE
UNION BALL VALVE
CPVC SOCKET
THREADED NPT

PVC 40 FITTINGS



ELBOW 90°



SHORT REDUCER



ELBOW 45 EDG.



MALE ADAPTER
(SLIP X FPT)



TEE 90 EDG.



ACCESS ELBOW



COUPLING



TEE REDUCING



FEMALE ADAPTER
(SLIP X FPT)



ACCESS TEE



UNION



TEE 45 EDG.



CAP



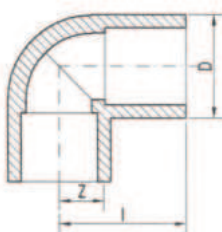
SIPHON



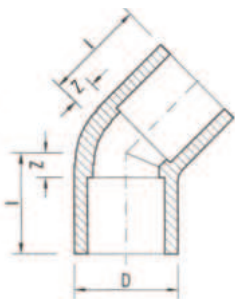
CROSS OVER (ELBOW CRANK)



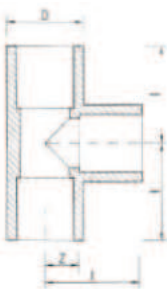
ELBOW 90 EDG.



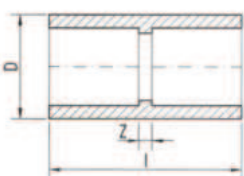
ELBOW 45 EDG.



TEE 90 EDG.



COUPLING

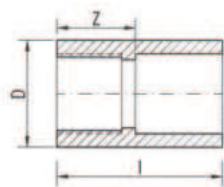
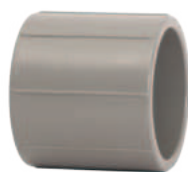


SIZE(Inch)	Code No.	I mm	Z mm	Quantity	
				Box	Pallet
1/2	8120100106	36.51	13.49	250	9000
3/4	8120100107	41.27	15.08	150	5400
1	8120100108	48.42	18.65	90	3240
1 1/4	8120100109	56.36	23.42	110	1980
1 1/2	8120100110	63.50	26.99	75	1350
2	8120100111	73.03	33.34	44	792
2 1/2	8120100112	83.31	38.86	26	468
3	8120100113	94.49	47.50	16	288
4	0009806040	116.59	59.94		
6	0009806060	166.62	90.42		
8	0009806080				

SIZE(Inch)	Code No.	I mm	Z mm	Quantity	
				Box	Pallet
1/2	8120150106	29.69	6.67	280	10080
3/4	8120150107	34.90	8.39	180	6480
1	8120150108	38.10	8.93	110	3960
1 1/4	8120150109	42.94	10.00	135	2430
1 1/2	8120150110	48.18	11.67	95	1710
2	8120150111	56.36	16.64	52	936
2 1/2	8120150112	62.70	18.65	32	576
3	8120150113	67.46	19.84	20	360
4	0009817040	83.34	26.19		
6	0009817060	122.23	46.04		
8	0009817080				

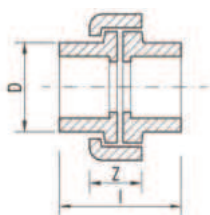
SIZE(Inch)	Code No.	I mm	Z mm	Quantity	
				Box	Pallet
1/2	8120200106	36.51	13.49	160	5760
3/4	8120200107	41.27	15.08	100	3600
1	8120200108	48.42	18.65	55	1980
1 1/4	8120200109	56.36	13.42	70	1260
1 1/2	8120200110	63.50	26.99	50	900
2	8120200111	73.03	33.34	30	540
2 1/2	8120200112	84.00	40.17	18	324
3	8120200113	95.00	47.00	10	180
4	0009801040	116.59	59.94		
6	0009801060	166.62	90.42		
8	0009801080				

SIZE(Inch)	Code No.	I mm	Z mm	Quantity	
				Box	Pallet
1/2	8120910106	29.69	6.67	350	12600
3/4	8120910107	34.90	8.33	200	7200
1	8120910108	38.10	8.33	130	4680
1 1/4	8120910109	42.94	10.00	170	3060
1 1/2	8120910110	48.18	11.67	120	2160
2	8120910111	56.36	16.67	70	1260
2 1/2	8120910112	62.70	18.65	18	324
3	8120910113	67.46	19.84	48	864
4	8120910114	83.34	26.19	32	576
6	0009829060	122.23	46.04		
8	0009829080				



FEMALE ADAPTER
(SLIP X FPT)

SIZE(Inch)	Code No.	I mm	Z mm	Quantity	
				Box	Pallet
1/2	8120910606	43.25	20.23	200	14400
3/4	8120910607	46.67	20.48	130	9360
1	8120910608	54.72	24.95	150	54000
1 1/4	8120910609	58.90	25.96	200	3600
1 1/2	8120910610	62.87	26.36	155	2790
2	8120910611	67.32	27.63	95	1710
3	0009835030				
4	0009835040				



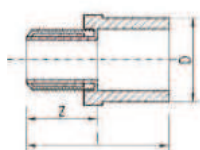
UNION

SIZE(Inch)	Code No.	I mm	Z mm	Quantity	
				Box	Pallet
1/2	8120510106	58.74	12.70	60	4320
3/4	8120510107	65.88	13.50	90	3240
1	8120510108	74.54	15.00	50	1800
1 1/4	8120510109	81.88	16.00	30	1080
1 1/2	8120510110	89.52	16.50	26	936
2	8120510111	97.98	18.60	18	648
3	0009897030	115.09	23.02		



CAP

SIZE(Inch)	Code No.	I mm	Z mm	Quantity	
				Box	Pallet
1/2	8120960106	31.53	8.51	320	23040
3/4	8120960107	35.58	9.39	200	14400
1	8120960108	40.71	10.94	240	8640
1 1/4	8120960109	46.03	13.09	140	5040
1 1/2	8120960110	50.66	14.15	100	3600
2	8120960111	55.91	16.22	60	2160
2 1/2	0009847025	69.06	24.61		
3	0009847030	76.99	29.37		
4	0009847040	92.47	35.32		
6	0009847060	125.81	49.61		
8	0009847080				

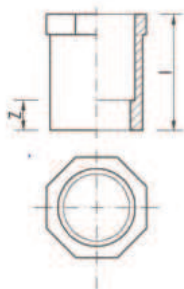


MALE ADAPTER
(SLIP X MPT)

SIZE(Inch)	Code No.	I mm	Z mm	Quantity	
				Box	Pallet
1/2	8120910706	47.00	23.98	200	1440
3/4	8120910707	52.50	26.31	250	9000
1	8120910708	61.50	31.73	150	5400
1 1/4	8120910709	63.64	30.70	100	3600
1 1/2	8120910710	67.51	31.00	155	2790
2	8120910711	71.69	32.00	90	1620
3	0009836030				
4	0009836040				



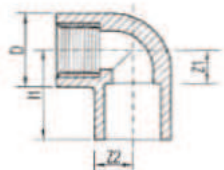
SHORT REDUCER



SIZE(Inch)	Code No.	L mm	Z mm	Quantity	
				Box	Pallet
3/4 X 1/2	8120900337	31.19	8.17	340	24480
1 x 1/2	8120900340	36.27	13.25	170	12240
1 x 3/4	8120900341	36.27	10.08	350	12600
1 1/4 x 1/2	8120900342	42.94	19.92	200	7200
1 1/4 x 3/4	8120900343	42.94	16.75	200	7200
1 1/4 x 1	8120900344	42.94	13.17	200	7200
1 1/2 x 1/2	0009837209	42.07	19.84	-	-
1 1/2 x 3/4	8120900345	46.51	20.34	140	5040
1 1/2 x 1	8120900346	46.51	16.74	135	4860
1 1/2 x 1 1/4	8120900347	46.51	13.57	145	5220
2 x 3/4	8120900348	49.69	23.50	180	3240
2 x 1	8120900349	49.69	19.92	180	3240
2 x 1 1/4	8120900350	49.69	16.75	180	3240
2 x 1 1/2	8120900351	49.69	13.18	180	3240
2 1/2 x 1 1/2	0009837291	53.18	18.26	100	1800
2 1/2 x 2	8120900357	53.18	15.08	70	1260
3x2	8120900361	56.36	18.26	70	1260
3 x 2 1/2	8120900360	56.36	11.91		
4x2	0009837420	66.68	28.58		
4x3	0009837422	66.68	19.05		
6x4	0009837532	147.63	117.48		
6x8	0009837585				
6x3	0009837530				



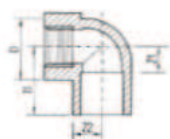
ELBOW 90 EDG.
(SLIP X FPT)



SIZE(Inch)	Code No.	L mm	L1 mm	Z1 mm	Z2 mm	Quantity	
						Box	Pallet
1/2 x 1/2	8120100606	30.16	36.51	13.49	13.11	250	9000
3/4 x 3/4	8120100607	33.33	41.27	15.08	16.03	170	6120
1x1	8120100608	40.49	48.42	18.65	18.72	90	3240
1 1/4 x 1 1/4	8120100609	46.83	56.36	23.42	24.05	125	2250
1 1/2 x 1 1/2	8120100610	52.40	63.50	26.99	29.22	85	1530
2x2	8120100611	60.33	73.03	33.34	35.88	50	900



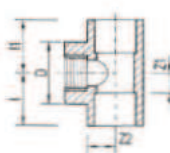
ELBOW 90 EDG. (SLIP X FPT)
WITH BRASS INSERT



SIZE(Inch)	Code No.	L mm	L1 mm	Z1 mm	Z2 mm	Quantity	
						Box	Pallet
1/2 X 1/2	8120100806	27.78	36.51	13.49	13.49	100	7200
3/4 X 1/2	8120100837	30.16	41.27	15.08	15.87	80	5760

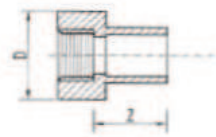


TEE 90 EDG. (SLIP X FPT)
WITH BRASS INSERT



SIZE(Inch)	Code No.	L mm	L1 mm	Z1 mm	Z2 mm	Quantity	
						Box	Pallet
1/2 x 1/2	8120200806	27.78	36.51	13.49	14.93	70	5040
3/4 x 1/2	8120200837	30.16	41.27	15.08	15.87	50	3600

OTHER SIZES ARE AVAILABLE ON REQUEST



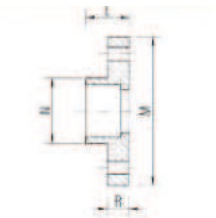
COUPLING (SLIP X FPT)
WITH BRASS INSERT

SIZE(Inch)	Code No.	L mm	Z mm	Quantity	
				Box	Pallet
1/2 x 1/2	8120910806	42.07	27.78	130	9360
3/4 x 1/2	8120910837	45.24	30.95	100	7920



MALE ADAPTER (SLIP X MPT)
WITH BRASS INSERT

SIZE(Inch)	Code No.	L mm	Z mm	Quantity	
				Box	Pallet
1/2	8120900806	42.00	23.30	200	1440
3/4	8120900807	47.00	23.50	130	9360
1	8120900808	52.00	25.90	80	5760



VAN STONE FLANGE (S)

SIZE (Inch)	Code No.	Std pack	lbs. Each	No. of Hots	Bold D	Bold Circle D	M	R	L	N
2	0009854020	5	1.18	4	5/8	4.48	6	94	1 7/8	1/4
2 1/2	0009854025	5	2.13	4	5/8	5.50	7	1.12	2 1/8	5/16
3	0009854030	5	2.49	4	5/8	6	7.50	1.31	2 3/8	3/8
4	0009854040	5	3.47	8	5/8	7.5	9	1.41	2 3/4	7/16
6	0009854060	5	3.47	8	5/8	7.5	9	1.41	2 3/4	7/16
8	0009854080	5	3.47	8	5/8	7.5	9	1.41	2 3/4	7/16



TYPE 375 TRUE UNION BALL VALVE
CPVC SOCKET THREADED NPT

SIZE (Inch)	PSI	EPDM Part No.	H (mm)	HI (mm)	L (mm)	LI (mm)	L2 (mm)	L4 (mm)	L5 (mm)	L6 (mm)	Z (mm)
1/2	240	0063 375 002	57	27	105	77	56	25	32	45	61
3/4	240	0063 375 003	67	30	121	97	65	25	39	58	70
1	240	0063 375 004	73	36	123	97	71	25	39	58	76
1 1/4	240	0063 375 005	90	44	154	128	85	45	54	74	90
1 1/2	240	0063 375 006	97	51	164	128	89	45	54	74	94
2	240	0063 375 007	116	648	183	152	101	45	66	87	107

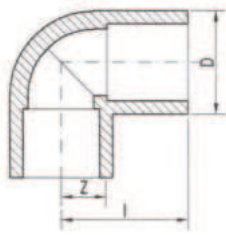


ELBOW CRANK

SIZE(Inch)	Code No.	L mm	H mm	Quantity	
				Box	Pallet
1/2	4820100606	200	50.00	-	-
3/4	4820100607	211	56.00	-	-
1	4820100608	234	66.00	-	-



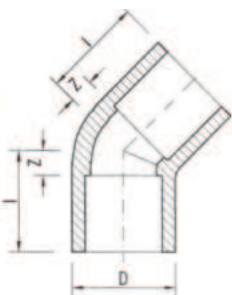
ELBOW 90 EDG.



SIZE(Inch)	Code No.	l mm	Z mm	Quantity	
				Box	Pallet
1/2	8121100106	36.51	13.51	250	9000
3/4	8121100107	41.27	15.08	150	5400
1	8121100108	48.42	18.65	90	3240
1 1/4	8121100109	56.36	23.42	110	1980
1 1/2	8121100110	63.50	26.99	75	1350
2	8121100111	73.03	33.34	42	756
2 1/2	8121100112	83.34	38.89		
3	8121100113	93.46	47.22		
4	0000806040	116.68	59.93		
6	0000806060	166.68	90.49		
8	0000806080				



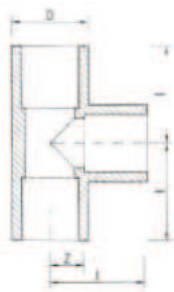
ELBOW 45 EDG.



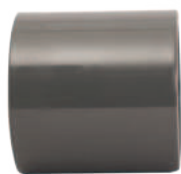
SIZE(Inch)	Code No.	l mm	Z mm	Quantity	
				Box	Pallet
1/2	8121150106	29.69	6.67	280	10080
3/4	8121150107	34.90	8.33	180	6480
1	8121150108	38.10	8.33	110	3960
1 1/4	8121150109	42.94	10.00	135	2430
1 1/2	8121150110	48.18	11.67	95	1710
2	8121150111	56.30	16.67	55	990
2 1/2	8121150112	62.70	18.65	32	576
3	8121150113	67.46	19.84	20	360
4	0000817040	83.34	26.19		
6	0000817060	122.23	46.04		
8	0000817080				



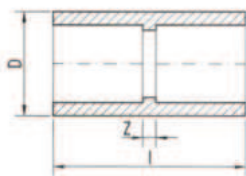
TEE 90 EDG.



SIZE(Inch)	Code No.	l mm	Z mm	Quantity	
				Box	Pallet
1/2	8121200106	36.51	13.49	150	5400
3/4	8121200107	41.27	15.08	100	3600
1	8121200108	48.41	18.65	55	1980
1 1/4	8121200109	26.36	23.42	70	1260
1 1/2	8121200110	63.50	26.99	50	900
2	8121200111	73.03	33.34	30	540
2 1/2	8121200112	78.00	35.67	18	324
3	8121200113	83.89	38.89	10	180
4	0000801040	116.68	59.93		
6	0000801060	166.68	90.49		
8	0000801080				



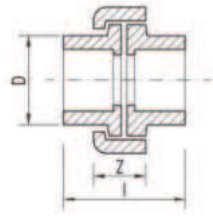
COUPLING



SIZE(Inch)	Code No.	l mm	Z mm	Quantity	
				Box	Pallet
1/2	8121910106	49.21	3.18	380	13680
3/4	8121910107	55.56	3.18	200	7200
1	8121910108	62.71	3.18	130	4680
1 1/4	8121910109	69.06	3.18	170	3060
1 1/2	8121910110	76.20	3.18	120	2160
2	8121910111	82.56	3.18	70	
2 1/2	8121910112	95.95	6.35	48	864
3	8121910113	101.60	6.35	32	576
4	8121910114	120.00	5.00	18	324
6	0000829060	134.93	7.94		
8	0000829080				



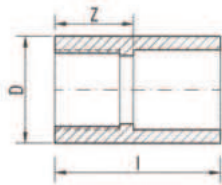
UNION



SIZE(Inch)	Code No.	I mm	Z mm	Quantity	
				Box	Pallet
1/2	8121510106	58.74	12.70	60	4320
3/4	8121510107	65.88	13.50	90	3240
1	8121510108	74.54	15.00	50	1800
1 1/4	8121510109	81.88	16.00	30	1080
1 1/2	8121510110	89.52	16.50	26	936
2	8121510111	97.98	18.60	18	648
3	0000897030	115.09	23.02		
4	0000897040				



FEMALE ADAPTER
(SLIP X FPT)



SIZE(Inch)	Code No.	I mm	Z mm	Quantity	
				Box	Pallet
1/2	8121910606	43.25	20.23	200	14400
3/4	8121910607	46.67	20.48	130	9360
1	8121910608	54.72	24.95	150	5400
1 1/4	8121910609	68.87	25.96	200	3600
1 1/2	8121910610	62.87	26.36	155	2790
2	8121910611	67.32	27.63	95	1710
2 1/2	0000835025				
3	0000835030				
4	0000835040				



VAN STONE FLANGE (S)



SIZE (Inch)	Code No.	Std pack	lbs. Each	No.of Hots	Bold D	Bold Cir-cle D	M	R	L	N
2	0000854020	5	1.18	4	5/8	4.48	6	94	1 7/8	1/4
2 1/2	0000854025	5	2.13	4	5/8	5.50	7	1.12	2 1/8	5/16
3	0000854030	5	2.49	4	5/8	6	7.50	1.31	2 3/8	3/8
4	0000854040	5	3.47	8	5/8	7.5	9	1.41	2 3/4	7/16
6	0000854060	5	3.47	8	5/8	7.5	9	1.41	2 3/4	7/16
8	0000854080	5	3.47	8	5/8	7.5	9	1.41	2 3/4	7/16



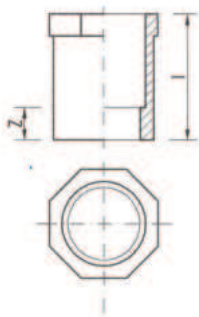
CAP



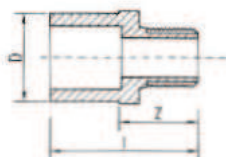
SIZE(Inch)	Code No.	I mm	Z mm	Quantity	
				Box	Pallet
1/2	8121960106	31.53	8.51	320	23040
3/4	8121960107	35.58	9.39	200	14400
1	8121960108	40.71	10.94	240	8640
1 1/4	8121960109	46.03	13.09	140	5040
1 1/2	8121960110	50.66	14.15	100	3600
2	8121960111	55.91	16.22	60	2160
2 1/2	0000847025	69.06	24.61		
3	0000847030	76.98	29.36		
4	0000847040	92.47	35.32		
6	0000847060	125.81	49.61		
8	0000847080				



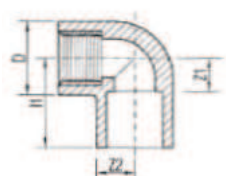
SHORT REDUCER



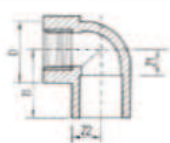
MALE ADAPTER
(SLIP X MPT)



ELBOW 90 EDG.
(SLIP X FPT)



ELBOW 90 EDG. (SLIP X FPT)
WITH BRASS INSERT



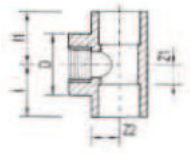
SIZE(Inch)	Code No.	I mm	Z mm	Quantity	
				Box	Pallet
3/4 x 1/2	8121900337	31.19	8.17	350	25200
1 x 1/2	8121900340	36.27	13.25	170	12240
1 x 3/4	8121900341	36.27	10.08	350	12600
1 1/4 x 1/2	8121900342	42.94	19.90	200	7200
1 1/4 x 3/4	8121900343	42.94	16.75	200	7200
1 1/4 x 1	8121900344	42.94	13.17	200	7200
1 1/2 x 3/4	8121900345	46.51	20.30	140	5040
1 1/2 x 1	8121900346	56.51	46.74	135	4860
1 1/2 x 1 1/4	8121900347	56.51	13.57	140	5040
2 x 3/4	8121900348	49.69	23.50	180	3240
2x1	8121900349	49.69	19.92	180	3240
2x1 1/4	8121900350	49.69	16.75	180	3240
2 x 1 1/2	8121900351	49.69	13.18	180	3240
2 1/2 x 2	8121900357	45.00	13.00	100	1800
3x2	8121900361	65.00	20.50	70	1260
3 x 2 1/2	8121900360	57.00	10.00	70	1260
4x2	0000837420	70.50	25.50		
4x3	0000837422	71.00	20.00		
6x4	0000837532	174.00	3.00		
8x6	0000837585				
6x3	0000837530				

SIZE(Inch)	Code No.	I mm	Z mm	Quantity	
				Box	Pallet
1/2	8121910706	47.00	23.98	200	14400
3/4	8121910707	52.50	26.31	250	9000
1	8121910708	61.50	31.73	150	5400
1 1/4	8121910709	63.64	30.70	100	3600
1 1/2	8121910710	67.51	31.00	155	2790
2	8121910711	71.83	71.60	90	1620
2 1/2	0000836025				
3	0000836030				
4	0000836040				

SIZE(Inch)	Code No.	I mm	II mm	ZI mm	Z2 mm	Quantity	
						Box	Pallet
1/2 x 1/2	8121100606	30.16	36.51	13.49	13.11	250	9000
3/4 x 3/4	8121100607	33.33	41.27	15.08	16.03	170	6120
1x1	8121100608	40.49	48.42	18.65	18.72	90	3240
1 1/4 x 1 1/4	8121100609	46.83	56.36	23.42	24.05	125	2250
1 1/2 x 1 1/2	8121100610	52.40	63.50	26.99	29.22	85	1530
2x2	8121100611	60.33	73.03	33.34	35.88	50	900

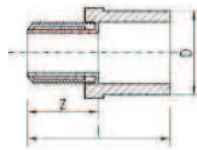
SIZE(Inch)	Code No.	I mm	II mm	ZI mm	Z2 mm	Quantity	
						Box	Pallet
1/2 X 1/2	8121100806	27.78	36.51	13.49	13.49	100	7200
3/4 X 1/2	8121100837	30.16	41.27	15.08	15.87	80	5760

OTHER SIZES ARE AVAILABLE ON REQUEST



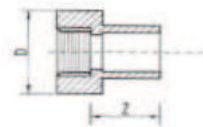
TEE 90 EDG. (SLIP X FPT)
WITH BRASS INSERT

SIZE(Inch)	Code No.	L mm	L1 mm	Z1 mm	Z2 mm	Quantity	
						Box	Pallet
1/2 x 1/2	8121200806	27.78	36.51	13.49	14.93	70	5040
3/4 x 1/2	8121200837	30.16	41.27	15.08	15.87	50	3600



MALE ADAPTER (SLIP X MPT)
WITH BRASS INSERT

SIZE(Inch)	Code No.	L mm	Z mm	Quantity	
				Box	Pallet
1/2	8121900806	42.00	23.30	200	1440
3/4	8121900807	47.00	23.50	130	9360
1	8121900808	52.00	25.90	80	5760



COUPLING (SLIP X FPT)
WITH BRASS INSERT

SIZE(Inch)	Code No.	L mm	Z mm	Quantity	
				Box	Pallet
1/2 x 1/2	8121910806	42.07	27.78	130	9360
3/4 x 1/2	8121910837	45.24	30.95	100	7920



MANUAL VALVES 375

SIZE (Inch)	PSI	EPDM Part No.	H (mm)	H1 (mm)	L (mm)	L1 (mm)	L2 (mm)	L4 (mm)	L5 (mm)	L6 (mm)	Z (mm)
1/2	240	0061 375 002	57	27	105	77	56	25	32	45	61
3/4	240	0061 375 003	67	30	121	97	65	25	39	58	70
1	240	0061 375 004	73	36	123	97	71	25	39	58	76
1 1/4	240	0061 375 005	90	44	154	128	85	45	54	74	90
1 1/2	240	0061 375 006	97	51	164	128	89	45	54	74	94
2	240	0061 375 007	116	648	183	152	101	45	66	87	107

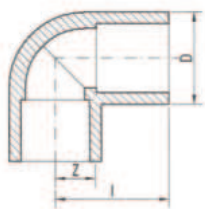


BALL VALVES 546

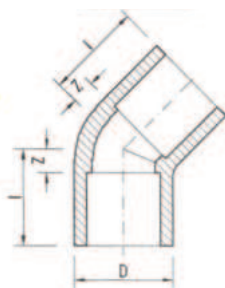
SIZE(Inch)	Code No.	Quantity	
		Box	Pallet
1/2	0161546302		
3/4	0161546303		
1	0161546304		
1 1/4	0161546305		
1 1/2	0161546306		
2	0161546307		



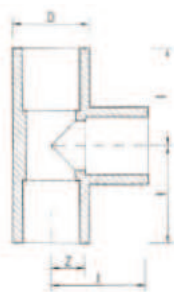
ELBOW 90 EDG.



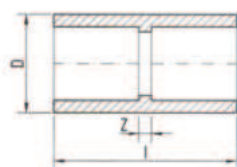
ELBOW 45 EDG.



TEE 90 EDG.



COUPLING

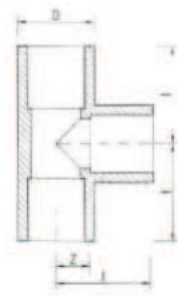


SIZE(Inch)	Code No.	l mm	Z mm	Quantity	
				Box	Pallet
1/2	8223100106	31.76	13.49	350	12600
3/4	8223100107	34.14	15.08	220	7920
1	8223100108	42.07	18.65	115	4140
1 1/4	8223100109	48.44	23.42	140	2620
1 1/2	8223100110	56.37	26.99	96	1728
2	8223100111	64.29	33.34	55	990
2 1/2	8223100112	92.11	40.61	28	504
3	8223100113	85.00	51.00	16	288
4	8203049040	110.00	59.00	48	192
6	0000406060	175.00	89.00	-	-
8	0000406080				

SIZE(Inch)	Code No.	l mm	Z mm	Quantity	
				Box	Pallet
1/2	8223150106	24.94	6.67	200	14400
3/4	8223150107	27.39	8.93	125	9000
1	8223150108	31.75	8.93	144	5184
1 1/4	8223150109	35.02	10.00	190	3420
1 1/2	8223150110	41.05	11.67	120	2160
2	8223150111	47.62	16.64	70	1260
2 1/2	8223150112	72.00	21.00	-	-
3	8223150113	72.00	21.00	-	-
4	8203044540	76.50	25.60	68	272
6	0000417060	80.00	29.00	-	-
8	0000417080				

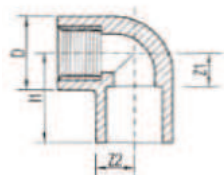
SIZE(Inch)	Code No.	l mm	Z mm	Quantity	
				Box	Pallet
1/2	8223200106	31.49	13.49	220	7920
3/4	8223200107	34.14	15.08	150	5400
1	8223200108	42.07	18.65	80	2880
1 1/4	8223200109	48.44	13.42	95	1710
1 1/2	8223200110	56.37	26.99	60	1080
2	8223200111	64.29	33.34	35	630
2 1/2	8223200112	92.11	40.61	-	-
3	8223200113	99.50	48.60	12	216
4	8203059044	110.00	59.00	7	126
6	0000401060	177.50	89.50	-	-
8	0000401080				

SIZE(Inch)	Code No.	l mm	Z mm	Quantity	
				Box	Pallet
1/2	8223910106	39.71	3.18	550	19800
3/4	8223910107	41.29	3.18	350	12600
1	8223910108	50.10	3.18	180	6480
1 1/4	8223910109	53.22	3.18	260	4680
1 1/2	8223910110	61.94	3.18	170	3060
2	8223910111	65.08	3.18	110	1980
2 1/2	8223910112	107.00	5.00	56	1008
3	8223910113	107.00	5.00	36	648
4	8203020040	107.00	5.00	18	324
6	0000429060	184.50	5.00	-	-



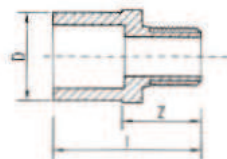
TEE REDUCING

SIZE(Inch)	Code No.	l mm	Z mm	Quantity	
				Box	Pallet
3/4 X 3/4 X 1/2	0000401101	38.70	15.40	-	-
1 X 1 X 1/2	0000401130	41.88	18.40	-	-
1 X 1 X 3/4	0000401131	43.58	18.95	-	-
1 1/4 X 1 1/4 X 1/2	0000401166	45.00	22.70	-	-
1 1/4 X 1 1/4 X 3/4	0000401167	59.67	23.50	-	-
1 1/4 X 1 1/4 X 1	0000401168	49.95	22.66	-	-
1 1/2 X 1 1/2 X 1/2	0000401209	46.50	25.80	-	-
1 1/2 X 1 1/2 X 3/4	0000401210	48.90	25.50	-	-
1 1/2 X 1 1/2 X 1	0000401211	51.35	25.70	-	-
1 1/2 X 1 1/2 X 1 1/4	0000401212	54.75	26.50	-	-
2 X 2 X 1	0000401249	53.04	32.90	-	-
2 X 2 X 1 1/4	0000401250	57.70	32.70	-	-
2 X 2 X 1 1/2	0000401251	70.00	33.80	-	-
6 X 6 X 4	0000401532	106.00	37.60		
2 x 2 x 3/4	0000401248				



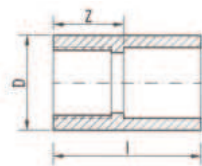
ELBOW 90 EDG. (SLIP X FPT)

SIZE(Inch)	Code No.	l mm	l1 mm	Z1 mm	Z2 mm	Quantity	
						Box	Pallet
1/2 X 1/2	8223100606	30.16	31.76	13.49	13.11	350	12600
3/4 X 3/4	8223100607	33.33	34.314	15.08	16.03	200	7200
1 X 1	8223100608	40.49	42.07	18.65	18.72	115	4140
1 1/4 X 1 1/4	8223100609	46.83	48.44	23.42	24.05	145	2610
1 1/2 X 1 1/2	8223100610	52.40	56.37	26.99	29.22	100	1800
2X2	8223100611	60.33	64.29	33.34	35.88	55	990



MALE ADAPTER
(SLIP X MPT)

SIZE(Inch)	Code No.	l mm	Z mm	Quantity	
				Box	Pallet
1/2	8223910706	41.50	23.23	270	19440
3/4	8223910707	44.60	25.54	350	12600
1	8223910708	54.50	31.09	180	6480
1 1/4	8223910709	55.72	30.70	120	4320
1 1/2	8223910710	60.38	31.00	190	3420
2	8223910711	62.95	32.00	120	2160
2 1/2	0000436025	88.00	36.00		

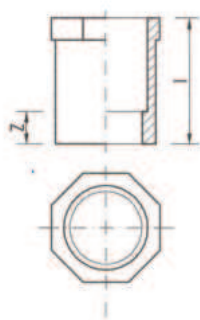


FEMALE ADAPTER
(SLIP X FPT)

SIZE(Inch)	Code No.	l mm	Z mm	Quantity	
				Box	Pallet
1/2	8223910606	38.50	20.23	260	18720
3/4	8223910607	39.54	20.48	170	12240
1	8223910608	48.37	24.95	190	6840
1 1/4	8223910609	50.98	25.96	260	4680
1 1/2	8223910610	55.74	26.36	190	3420
2	8223910611	58.58	27.63	125	2250
2 1/2	0000435025				
3	0000435030				
4	0000435040				
6	0000435060				



SHORT REDUCER



SIZE(Inch)	Code No.	l mm	Z mm	Quantity	
				Box	Pallet
3/4 X 1/2	8223900337	24.06	5.79	450	32400
1 X 3/4	8223900341	29.92	10.86	400	14400
1 X 1/2	8223900340	29.92	11.65	200	14400
1 1/4 X 1/2	8223900342	35.02	16.75	250	9000
1 1/4 X 3/4	8223900343	35.02	15.95	250	9000
1 1/4 X 1	8223900344	35.02	11.60	230	8280
1 1/2 X 1/2	0000437209	39.00	10.50	-	-
1 1/2 X 3/4	8223900345	39.38	20.32	160	5760
1 1/2 X 1	8223900346	39.38	15.96	160	5760
1 1/2 X 1 1/4	8223900347	39.38	14.36	160	5760
2 X 3/4	8223900348	40.95	21.89	220	3960
2 X 1	8223900349	40.95	17.53	220	3960
2 X 1 1/4	8223900350	40.95	15.93	220	3960
2 X 1 1/2	8223900351	40.95	11.57	220	3960
2 1/2 X 1	0000437289	88.40	9.90		
2 1/2 X 1 1/4	0000437290	89.40	9.80		
2 1/2 X 1 1/2	0000437291	89.20	10.00		
2 1/2 X 2	8223900357	92.00	10.00		
3 X 1	0000437335	94.29	10.04		
3 X 1 1/4	0000427336	92.00	10.00		
3 X 1 1/2	0000437337	93.00	10.00		
3 X 2	8223900361	96.38	10.80		
3 X 2 1/2	8223900360	92.00	8.90		
4 X 2	0000437420	95.80	9.10		
4 X 2 1/2	0000437421	111.00	10.00		
4 X 3	0000437422	111.80	9.50		
6 X 4	0000437532	151.00	11.10		



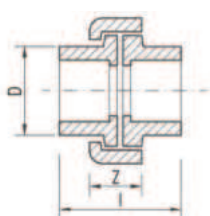
CAP



SIZE(Inch)	Code No.	l mm	Z mm	Quantity	
				Box	Pallet
1/2	8223960106	15.82	7.55	450	32400
3/4	8223960107	27.42	8.36	300	21600
1	8223960108	33.19	9.77	320	11520
1 1/4	8223960109	36.81	11.79	200	7200
1 1/2	8223960110	42.13	12.79	140	5040
2	8223960111	45.54	14.59	90	3240
2 1/2	0000447025	62.00	17		
3	0000447030	71.00	18.00		
4	0000447040	77.00	19.70		
6	0000447060	83.00	22.00		



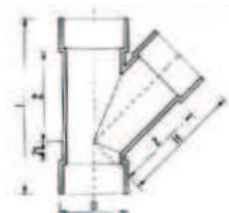
UNION



SIZE(Inch)	Code No.	l mm	Z mm	Quantity	
				Box	Pallet
1/2	8223510106	58.74	12.70	60	4320
3/4	8223510107	65.88	13.50	90	3240
1	8223510108	74.54	15.00	50	1800
1 1/4	8223510109	81.88	16.00	30	1080
1 1/2	8223510110	89.52	16.50	26	936
2	8223510111	97.98	18.60	18	648



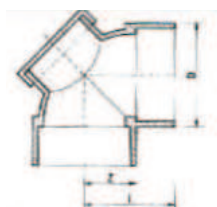
TEE 45 EDG.



SIZE(Inch)	Code No.	I mm	I I mm	Z1 mm	Z2 mm	Quantity	
						Box	Pallet
4	8203054544	307.98	212.73	161.93	44.45	19	76



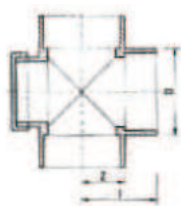
ACCESS ELBOW 90 EDG.



SIZE(Inch)	Code No.	I mm	Z mm	Quantity	
				Box	Pallet
4	8303049040	110.00	59.00	8	144



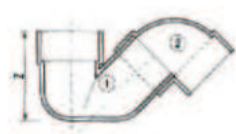
ACCESS TEE 90 EDG.



SIZE(Inch)	Code No.	I mm	Z mm	Quantity	
				Box	Pallet
4	8303129040	110.00	59.00	30	120



SIPHON



SIZE(Inch)	Code No.	I mm	Z mm	Quantity	
				Box	Pallet
4	8203084540(1)	151.00	198.00	34	136
4	8203088740(2)	151.00	198.00	34	136

ACCESSORIES

Discription	Size	Code No.
Solvent cement For PVC	1 kg	5012380027
Solvent cement For CPVC	1 kg	5012385027
Cleaner	0.8 kg	5010370026

Note: PVC & CPVC valves to ASTM standards can be supplied on request

Every care is taken to see the information give in this catalogue is correct and current but is not intended to form any part of any contract. No warranty is intended to be given or implied in respect at the contents hereof.



PVC Schedule 40 & 80 ASTM range of fitting are used for drainage and pressure system.

They are ideal for applications where transmission of liquid or material does not exceed 140°F.

CPVC schedule 80 is ideal for application where transmission of liquid or material does not exceed 200°F. The advantages of these fittings are their light weight which facilitates transport and the simple and quick process of solvent cement jointing.

MATERIAL

APLACO schedule 40 fittings are produced from PVC Type I, cell classification 12454-B. APLACO schedule 80 fittings are produced from PVC Type I, cell classification 12454-B. APLACO schedule 80 CPVC fittings are produced from material meeting ASTM cell classification 23557 - B.

MARKING

APLACO fittings are marked APLACO, O.D of pipe or pipe thread size & standard.

JOINTING - Socket type for solvent cement type jointing.

OPERATING TEMPERATURE

Maximum Service temperature for PVC schedule 40 & PVC schedule 80 fittings is 140° Deg.F.

Maximum Service temperature for CPVC schedule 80 FITTINGS IS 210° Deg.F

CHEMICAL PROPERTIES

PVC & CPVC fittings are resistant to corrosion by ground water, weathering and many chemicals. Further information on chemical resistance is available on request.

ORDERING

Always quote the APLACO code numbers when placing orders.

Example: Elbow 90° Schedule 40 for pipe size 1/2" order should be ordered as 8223100106

APPLICATION STANDARDS Pressure Rating

Water pressure rating (max) for CPVC schedule 80 fittings at 73° F. are shown below.

CPVC SCHEDULE 80	Pipe Size (inch)	Socket Fittings (psi)	Threated Fittings (psi)
ASTM F 437 Threaded CPVC plastic pipe fittings schedule 80.	1/2	850	420
	3/4	690	340
ASTM F 439 Socket type CPVC plastic pipe fittings schedule 80.	1	630	320
	1 1/4	520	260
ASTM D 1784 Rigid PVC compounds and CPVC compounds,	1 1/2	470	240
ASTM F 1970 Transition plastic fittings	2	400	200

Water pressure rating (max) for PVC schedule 80 fittings at 73° F. are shown below.

SCHEDULE 80	Pipe Size (inch)	Socket Fittings (psi)	Threated Fittings (psi)
ASTM D 2464 Threaded PVC plastic pipe fittings schedule 80.	1/2	850	420
ASTM D 2467 Socket type PVC plastic pipe fittings schedule 80.	3/4	690	340
ASTM D 1784 Rigid PVC compounds and CPVC compounds.	1	630	320
ANSI B 2.1 Threaded fittings and pipe.	1 1/4	520	260
ASTM F 1970 Transition plastic fittings	1 1/2	470	240
	2	400	200

Water pressure rating (max) for PVC schedule 40 fittings at 72° F. are shown below.

SCHEDULE 40	Pipe Size (inch)	Socket Fittings (psi)	Threated Fittings (psi)
ASTM D 2466 PVC plastic pipe fittings schedule 40.	1/2	600	300
ASTM D 1784 Rigid PVC compounds.	3/4	480	240
	1	450	225
	1 1/4	370	185
	1 1/2	330	165
	2	280	140

PROPERTIES

PROPERTIES OF CPVC SCHEDULE 80, TYPE IV, GRADE I

Property	Test Condition	Value	Reference
Specific gravity	73°F	1.52	ASTM D-792
Rockwell Hardness (R)	73°F	117	ASTM D-785
Heat Deflection Q 264 psi	73°F	214	ASTM D-648
Tensile Strength (psi)	73°F	8200	ASTM D-638
Tensile modulus (psi)	73°F	430,000	ASTM D-638
Flexibility Strength (psi)	73°F	15,000	ASTM D-790
Flexibility Modulus (psi)	73°F	438,000	ASTM D-790
Irod Impact, Ft. lbs. / In. Notch	73°F	1.6	ASTM D-256
Water Absorption (24 hrs)	73°F	+0.07	ASTM D-570
Coefficient of Expansion (F) .in. /in. *10		3.7	ASTM D-696
Flammability	.062'	V-O	UL- 94
Cell Designation		2355713	ASTM D-1784

PROPERTIES OF PVC SCHEDULE 80, TYPE IV, GRADE I

Property	Test Condition	Value	Reference
Specific gravity +/- 0.02	73F	1.4	ASTM D-792
Tensile Strength psi	73F	7100	ASTM D-638
Modulus of Elasticity in tension, psi	73F	4,000,000	ASTM D-638
Flexibility strength, psi	73F	12000-14000	ASTM D-790
izod impact, ft, lbs /in, notch at	73F	0.65	ASTM D-256
Heat Deflection F Q 264 psi	73F	160	ASTM D-948
Heat Resistance Deg F.	73F	140	
Thermal Conductivity, BTU/hrsq.Ft / DegF/in	73F	1.2	ASTM D-177
Coefficient of Expansion, in/in. deg. Fx 105	73F	3	ASTM D-696
Water Absorption, %/24 hrs.		0.05	ASTM D-570
Cell Classification		12454B	ASTM D-1785
Color Code		White (Sch. 40)	
		Dark Gray (Sch. 80)	



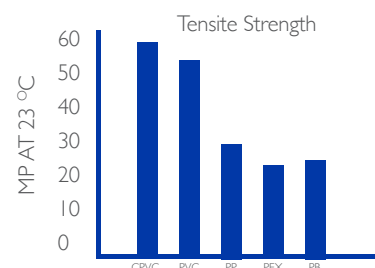


HOT & COLD WATER DISTRIBUTION SYSTEM

Flow Guard™ Trade mark for CPVC (chlorinated polyvinyl chloride) manufactured by BF Goodrich, now known as Noveon™ proven hot-cold water distribution system in CPVC. It was launched in Saudi Arabia in 1997 whereas the first commercial production was as far as 1959. Its reliability comes from its successful track record and is proved by all national codes USA. It also meets the stringent safety requirements from Germany, UK, France, Netherlands amongst others. APLACO uses the Flow Guard™ CPVC for the items manufactured in its plant. Its features are:

Tough, Rigid Material

CPVC has a much higher strength/modulus than other thermoplastics used in plumbing applications



Tough, Rigid Material

- Needs less hangers and supports
- No unsightly looping of the pipe
- High pressure bearing capability.
- Leads to same flow rate with smaller pipe size.



Easy Cost Effective Installation

- Simple solvent cementing jointing method
- Tools required are simple and cheap
- No need for electrical source
- Same basic procedure as PVC



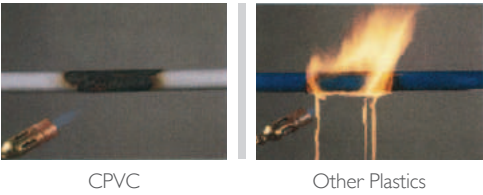
No Oxygen Permeation

- CPVC forms a natural barrier to oxygen.
- Thus there is no corrosion of metal components
- the water heater from oxygen permeation

	CPVC	PVC	PPR	PEX	PB	CU
oxygen permeation (cm ³ /m.day.atmosphere) (at 70° C)	<1 (insignificant)	(not Available) similar to CPVC	(not Available) similar to PB/PEX	13	16	(not Available) Insignificant

Fire Safety

CPVC has a limiting Oxygen Index (LOI) of 60°. Thus In air CPVC does not support combustion. NO flaming drips, does not increase the fire load ,low flame spread and low smoke generation.

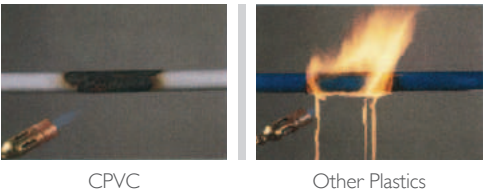


Unaffected by chlorine in water supply

Some materials may be adversely affected by chlorine contained in the water supply. This can cause breakdown of the polymer' chains and potential leaks. CPVC Is unaffected by the chlorine present in potable water supply. No breakdown of pipe in service.

Outstanding fire performance characteristics

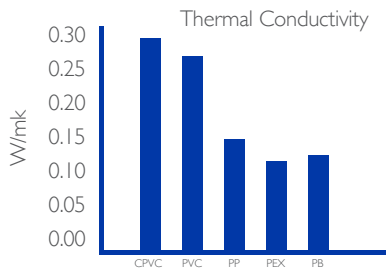
- low flame spread
- Low smoke generation
- Self-extinguishing
- No flaming drips



Lower thermal conductivity

Thermal conductivity

Reduced heat loss



Excellent chemical resistance





With and increase in operating temperature ,pressure ratings must be reduced accordingly as indicated below.

	Temperature	Derating
PVC fittings Schedule 40	80 Deg. F.	90% of rated pressure at 73F
	100 Deg. F.	65% of rated pressure at 73F
	120 Deg. F.	40% of rated pressure at 73F
	140 Deg. F.	25% of rated pressure at 73F

	Temperature	Derating
PVC fittings Schedule 80	80 Deg. F.	90 of rated pressure at 73F
	90 Deg. F.	75 of rated pressure at 73F
	100 Deg. F.	61 of rated pressure at 73F
	110 Deg. F.	50 of rated pressure at 73F
	120 Deg. F.	39 of rated pressure at 73F
	130 Deg. F.	30 of rated pressure at 73F
	140 Deg. F.	22 of rated pressure at 73F

	Temperature	Derating
PVC fittings Schedule 80	80 Deg. F.	96 of rated pressure at 73F
	100 Deg. F.	82 of rated pressure at 73F
	120 Deg. F.	65 of rated pressure at 73F
	140 Deg. F.	50 of rated pressure at 73F
	160 Deg. F.	40 of rated pressure at 73F
	180 Deg. F.	25 of rated pressure at 73F
	200 Deg. F.	20 of rated pressure at 73F
	210 Deg. F.	15 of rated pressure at 73F

Safety Precautions

Solvent cement & cleaner (primer) contain highly volatile solvents. Use Them in a well ventilated area. Keep Away form naked flames and do not smoke. Switch off unprotected electrical apparatus,electricheaters,etc.Discontinue Any welding operations. Observe All instructions issued by solvent cement manufactures. Always Obey the safety regulations issued by the authorities responsible.

Jointing

- Solvent cementing operation is a simple and quick process for jointing.To Make the joints storing and water tight, follow a few simple rules angle.
- Cut off pipe at right angle.
- Deburr the inside edges and chamfer the outside ones.
- Wipe the pipe end the socket with a clean cloth and remove obvious dirt.
- Apply cleaner (primer) outside of the pipe and the inside of the socket thoroughly.
- To ensure proper jointing cleaning process may be repeated.
- Apply normal layer of solvent cement to the fitting socket and thicker one to the pipe with Brush pressure in a axial direction.Work is a well ventilated Area.
- Push the pipe and fitting together immediately and bring them to correct alignment. Hold Them in the position for a short while until initial bonding has taken place.
- Remove any surplus cement immediately using absorbent paper:

Test Pressures

	Pipe Sizes (inch)	
	1/2 – 1 1/4	1 1/2 - 3
Temperature range during cure period	Upto 175 to	Upto 175 to
F	175 psi 350 psi	175 psi 350 psi
60-100	2 hrs 1 hr	2 hrs 12 hr
40-60	4 hrs 2 hrs	4 hrs 24 hrs

STANDARDS

ASTM Standard D-1784

(American Society for Testing and Materials)

This standard covers PVC and CPVC compounds used in the manufacture of plastic pipe, valves and fittings. It provides a means for selecting and identifying compounds on the basis of a number of physical and chemical criteria. Conformance to a particular material classification in this standard requires meeting a number of minimum physical and chemical properties.

ASTM Standards D-1785 and F-441

These standards cover the specification and quality of Schedule 40°, 80° & 120° PVC (D-1785) and CPVC (F-441) pressure pipe. Outlined in these standards are dimensional specifications, burst, sustained and maximum operating pressure requirements and test procedures for determining pipe quality with respect to workmanship & materials.

ASTM Standards D-2466

These standards cover Schedule 40 PVC (D-2466) threaded and socket pressure fittings. Stipulated in the standard are thread and socket specifications, by lengths, wall thickness, burst, material, quality and identification requirements.

ASTM Standards D-2464 and F-437

These standards cover PVC (D-2464) and CPVC (F-437) Schedule 80° threaded pressure fittings. Thread dimensional specifications, wall thickness, burst, material quality, and identification requirements are specified.

ASTM Standards D-2467 and F-439

These standards cover 80 PVC (D-2467) and CPVC (F-439) socket type pressure fittings. Dimensions, burst strength, resin compound stipulation and scheme of product identification requirements are specified.

Note: PVC & CPVC valves to ASTM standards can be supplied on request

Every care is taken to see the information given in this catalogue is correct and current. But is not intended to form any part of any contract. No warranty is intended to be. Given or implied in respect of the contents hereof.

HEAD OFFICE

P.O BOX 6139
RIYADH 11442, SAUDI ARABIA
TEL.: +966 11 4480 250
FAX: +966 11 4480 543

JEDDAH OFFICE

P.O BOX 5448
JEDDAH 21422, SAUDI ARABIA
TEL.: +966 12 6742 281 - 6726 318
FAX: +966 12 6719 285

DAMMAM OFFICE

P.O BOX 8851
DAMMAM 31492, SAUDI ARABIA
TEL.: +966 13 8473 440 - 8473 445
FAX: +966 13 8473 446

SHARJAH, UAE OFFICE

P.O BOX 36412
SHARJA, UNITED ARAB EMIRATES
TEL.: +971 6 5353 710
FAX: +971 6 5353 711



aplaco.com.sa

info@aplaco.com.sa