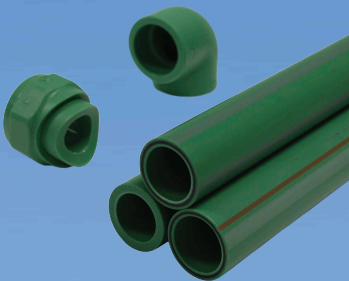


# Asahitec™

## PP-RCT Plumbing and HVAC Piping Systems

### Climatec™

### Watertec™



Pipe • Fittings • Valves

Another  
Corrosion  
Problem  
Solved.™



[www.asahi-america.com](http://www.asahi-america.com)

# Asahitec™ PP-RCT Plumbing and HVAC Piping Systems

## Efficient – Sustainable – Green Technology

Asahi/America, in partnership with Bänninger of Germany, introduces - Asahitec™ PP-RCT piping systems to the North American market.



PP-RCT is the latest advancement in polypropylene polymers and has a wide range of benefits for commercial plumbing and HVAC systems. It has a more complex crystalline structure that provides greater pressure capabilities at higher temperatures than conventional PP materials.

### Features and Benefits

#### Asahitec™ - The complete PP-RCT system

- Socket fusion from 20-125mm (1/2" – 4-1/2")
- Molded butt fusion from 160-630mm (6" – 24")
- NSF 14-pw certified for potable water applications
- Lead free brass adapter fittings

#### Molded butt fittings up to 630mm (24")

- Provides full pressure rating over fabricated fittings
- Fast delivery
- Cost effective

#### Wide range of valves

- Complemented by reliable Asahi valves
- Ball, butterfly, diaphragm, and more



### Areas of Application

- Potable Water
- HVAC – Hot Water and Chilled Water
- Food and Beverage Grade Water
- Hydronics
- Buried and Above Ground Water Pipes
- Sports Stadiums and Arenas
- Commercial Buildings
- Residential Buildings
- Institutional Buildings
- Schools and Universities
- Government Buildings
- Hospitals
- Hotels and Apartments



# Asahitec™ PP-RCT Plumbing and HVAC Piping Systems

## PP-RCT vs Steel Pipe

### Weight

Comparing PP-RCT SDR 11 pipe and Schedule 40 black steel pipes

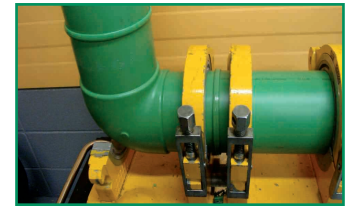
- Steel pipes weigh approximately 3.5 times more than PP-RCT pipes
- Safer to install
- Easier to install (most of the PP-RCT welding can be done in the shop mizes field welds)
- Less labor intensive to install
- Reduces the need for heavy duty hangers and supports



### Joining

Comparing PP-RCT fusion joining (socket and butt) and Schedule 40 black steel pipe (butt)

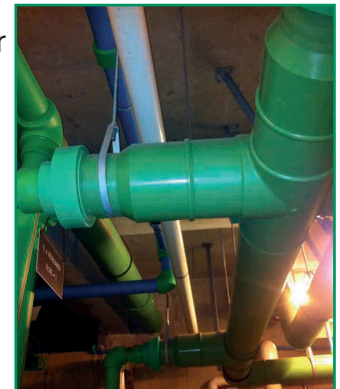
- Steel pipes require a welding rod to effect the weld
- PP-RCT welds require no welding rod – the welds are homogenous
- PP-RCT welds require no special post-treatment such as passivation
- PP-RCT welds require less labor to effect a proper weld
- Fusion welding is safer and easier than steel welding
- Fusion welding generates no sparks or weld slag or noxious fumes



### Flow/Discharge Rates and Head Loss

Comparing PP-RCT pipes SDR 7.4, 9, 11 and 17 and Schedule 40 black steel pipe

- The inner wall of PP-RCT pipes is almost twice as smooth as steel pipes
- On average, the flow discharge rate of PP-RCT pipes is 40 percent greater than steel pipe
- With PP-RCT pipes, pumps can be downsized and don't need to run as steel pipes
- On average, the head loss (psi drop) with PP-RCT pipes is 35 percent than with steel pipe
- The smoothness of PP-RCT pipes does not decrease over time thus the energy efficiency of PP-RCT pipes increases over time vs steel



### Corrosion

Comparing PP-RCT and Schedule 40 black steel pipes

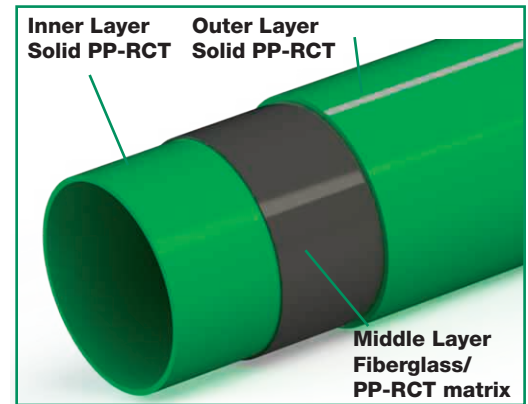
- PP-RCT pipes for water applications do not corrode – steel pipes do
- Corroding steel pipes can introduce particles into the water system thus adversely effecting other system components such as pumps, valves, faucets and radiators
- Corrosion of steel pipes creates higher operating energy costs over time and reduces the life expectancy of the system
- Corrosion of steel pipes can adversely affect the taste and quality of the water and increase health concerns



# Asahitec™ PP-RCT Plumbing and HVAC Piping Systems

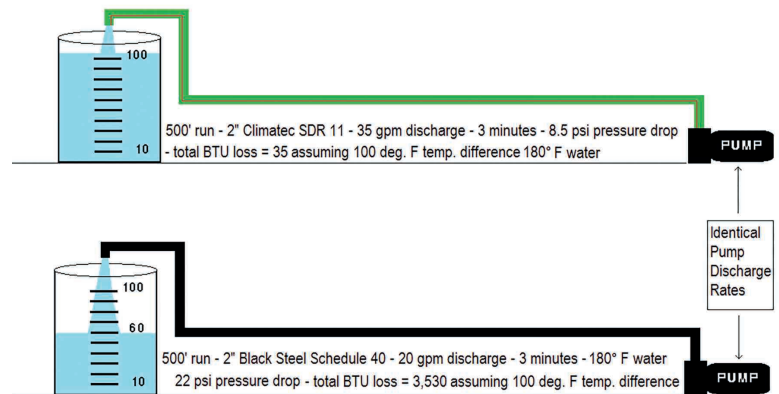
## PP-RCT Fibrecore™ Technology

Both Climatec™ and Watertec™ pipes are manufactured with patented Fibrecore™ technology. Fibrecore™ PP-RCT pipes consist of three co-extruded layers that make one homogenous pipe. The middle layer consists of mixed short fiberglass strands and PP-RCT, which is isolated by solid layers of PP-RCT on the inside and outside of the pipe. The middle Fibrecore™ layer reduces expansion and contraction by up to 75 percent which reduces the installation cost by minimizing expansion loops and quantity of supports required in above ground systems. While the fittings do not have Fibrecore™, fittings weld directly to all of Asahi's PP-RCT systems.



## Smoothness Factor

As a result of a lower smoothness factor for steel pipe, a pressure loss of 22psi results in loss of energy efficiency and approximately 40 percent reduction in flow rate. The superior smoothness of the PP-RCT piping equates to a true savings in energy costs for the facility. It should be noted, because of corrosion, the steel pipe's performance will suffer further over time.



Pipe Size		Schedule 40 Steel Pipe Inside Diameter (in.)	PP-RCT Pipe Inside Diameter (in.)	Steel Pipe Flow (gpm) based on 500' run H&W Factor 90	PP-RCT Pipe Flow (gpm) based on 500' run H&W Factor 160	Steel Pipe Head Loss (psi drop) based on 1,000' run H&W - 90	PP-RCT Pipe Head Loss (psi drop) based on 1,000' run H&W - 160
mm	inch						
32	1	1.05	1.03	3.5	6	-	-
50	1-1/2	1.61	1.61	11	19	-	-
63	2	2.07	2.02	21	35	44.52	16.98
75	2-1/2	2.47	2.42	33	56	39.7	15.14
90	3	3.07	2.90	59	90	35.5	16.12
100	3-1/2	3.55	3.54	86	152	24.41	8.52
110	4	4.03	4.02	119	212	22.58	14.46
160	6	6.07	5.55	341	494	16.75	12.76
200	8	7.98	6.94	727	888	9.33	9.1
250	10	10.02	8.68	1307	1600	7.93	7.88
315	12	11.94	10.93	2111	2936	6.14	4.77
355	14	13.13	12.31	2675	4012	22.59	10.66
400	16	15.00	13.88	3797	5509	16.56	8.31
450	18	16.88	15.62	5180	7502	14.08	7.09
500	20	18.81	17.35	6886	9893	14.17	7.24






# Asahitec™ PP-RCT Plumbing and HVAC Piping Systems





## Product Range

Pipe	Model/ Color/ Appearance	Applications	Sizes	SDR	Pressure Rating @ 70° F	Pressure Rating @ 180° F
	<b>Solid Wall</b> Solid Green	Hot and Cold Potable Water	20mm - 125mm (1/2" - 4-1/2")	SDR 7.4	349psi	184psi
	<b>Solid Wall</b> Solid Green	Hot and Cold Potable Water	20mm - 500mm (1/2" - 20")	SDR 11	223psi	118psi
	<b>Watertec™</b> Green with Grey Stripes	Hot and Cold Potable Water	20mm - 125mm (1/2" - 4-1/2")	SDR 9	334psi	177psi
	<b>Watertec™</b> Green with Grey Stripes	Hot and Cold Potable Water	160mm - 500mm (6" - 20")	SDR 11	267psi	142psi
	<b>Climatec™</b> Green with Red and Grey Stripes	HVAC	20mm - 125mm (1/2" - 4-1/2")	SDR 11	267psi	142psi
	<b>Climatec™</b> Green with Red and Grey Stripes	HVAC	160mm - 500mm (6" - 20")	SDR 17	167psi	68psi

# Asahitec™ PP-RCT Plumbing and HVAC Piping Systems

## Product Range

Fittings	Style	Color	Sizes
	Socket Fusion	Green	20mm - 125mm (1/2" - 4-1/2")
	Butt Fusion (molded)	Green	160mm - 500mm (6" - 20")
	Electrofusion	Green	20mm - 500mm (1/2" - 20")

Valves	Type	Pressure Rating @ 70° F	Size
	Compact Ball Valve PP-RCT-EPDM	349psi	20mm - 63mm (1/2" - 2")
	Type-21 Ball Valve PP-EPDM with PP-RCT end connectors	150psi	20mm - 110mm (1/2" - 4")
	Type-57 Butterfly Valve PP-EPDM	150psi	Lever 50mm - 200mm (1-1/2" - 8")  Gear 50mm - 500mm (1-1/2" - 20")
	Type-14 Diaphragm PP-EPDM	150psi	20mm - 63mm (1/2" - 2")

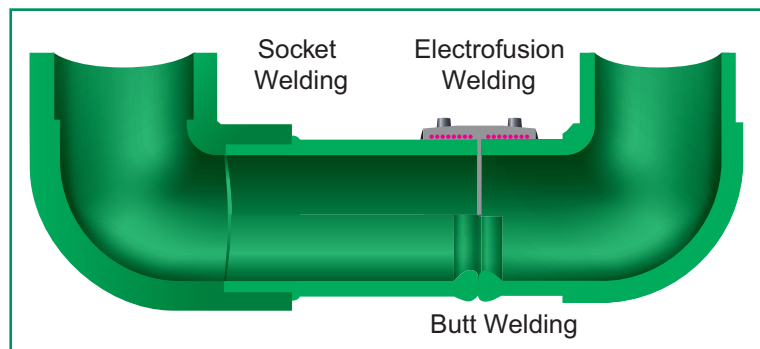
# Asahitec™ PP-RCT Plumbing and HVAC Piping Systems

## Certifications and Approvals

- Our PP-RCT piping systems are certified by NSF according to NSF 14-pw for potable water
- NSF 61: Material complies with NSF/ANSI 61 health effects requirements when tested at temperatures up to and including Commercial Hot (180° F)
- ASTM F2389: Standard specification for pressure rated polypropylene (PP) piping systems
- ASTM F2023: Standard test method for evaluating the oxidative resistance of plastic piping to hot chlorinated water
- Product is Certified to the Uniform Plumbing Code
- Product is Certified to the Uniform Mechanical Code
- Manufacturing is performed in ISO:9001 certified facilities



## Installation



Fittings and pipes up to a 125mm (4-1/2") diameter are socket welded.

Injection molded fittings from 160mm (6") diameter can be joined using two different welding methods. Long fittings are joined using electrofusion or butt welding. Short fittings are joined using socket welding.



**Hand Socket Welder**  
Socket Fusion  
• 20 - 63mm (1/2" - 2")



**Bench Socket Welder**  
Socket Fusion  
• 20 - 110mm (1/2" - 4")



**Maxiplast®**  
Butt Fusion  
• 50 - 160mm (1-1/2" - 6")



**Polymatic Welder**  
Electrofusion  
• 20 - 450mm (1/2" - 18")

Please consult the Asahitec™ Installation Guide for complete installation instructions.



# Asahitec™ PP-RCT Plumbing and HVAC Piping Systems

## Green Technology



Leadership in Energy and Environmental Design (LEED) is changing the way we think about how buildings are constructed, maintained and operated.

Our new PP-RCT piping systems fall in line with LEED's guidelines and are considered environmentally friendly, as well as energy efficient.



In North America, unlike the rest of the world, metal pipes (copper and steel) are still being used extensively for hot and cold water applications. This began to change in 2007 with the introduction of PP-R pipes in the US and Canada. Now, with the development of PP-RCT and its inherent advantages over PP-R, the North American market is ready to embrace this new technology.

### Asahitec™ PP-RCT and GREEN Technology

GREEN technology is an effort to have manufacturers develop products that are designed to promote the conservation of our planet's natural resources without harming the environment. Designing and manufacturing a piping system for water applications with improved performance characteristics greatly enhances the sustainability of our limited resources.

Asahitec™ PP-RCT piping systems are specifically designed to provide the highest levels of efficient hot and cold water flow. PP-RCT (polypropylene co-polymer – random crystallinity temperature) material is the latest PP resin development in the polypropylene family. The resin manufacturing process enhances the crystalline structure of the co-polymer, which enables pipes produced from the material to operate at higher stresses at elevated temperatures. With more than a 50 percent improvement in long-term (50 years) strength over PP-R, PP-RCT piping systems allow designers to choose thinner walled pipes and possibly smaller diameter pipes. Thinner walls mean larger bores providing higher flow rates and greater efficiencies and cost savings. Asahitec™ PP-RCT piping systems are the greenest piping systems available.





# Asahitec™ PP-RCT Plumbing and HVAC Piping Systems

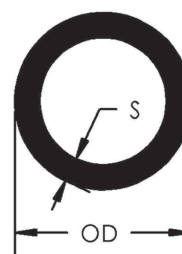
## Dimensional Information



Thick Wall - SDR 7.4



Standard Wall - SDR 11



### SOLID PP-RCT WALL PIPE FOR HOT/COLD POTABLE WATER

Size		Dimensions L (ft.)	SDR 7.4		SDR 11	
mm (OD)	inch (nominal)		S (in.)	Part Number	S (in.)	Part Number
20	1/2	13.1	0.110	825104005	0.091	825101005*
25	3/4	13.1	0.138	825104007	0.110	825101007*
32	1	13.1	0.173	825104010	0.114	825101010
40	1-1/4	13.1	0.217	825104012	0.146	825101012
50	1-1/2	13.1	0.272	825104015	0.181	825101015
63	2	13.1	0.339	825104020	0.228	825101020
75	2-1/2	13.1	0.406	825104025	0.268	825101025
90	3	13.1	0.484	825104030	0.323	825101030
110	4	13.1	0.594	825104040	0.394	825101040
125	4-1/2	13.1	0.673	825104045	0.449	825101045
160	6	13.1	-	-	0.575	825101060
200	8	19.0	-	-	0.717	825101080
250	10	19.0	-	-	0.894	825101100
315	12	19.0	-	-	1.126	825101120
355	14	19.0	-	-	1.268	825101140
400	16	19.0	-	-	1.429	825101160
450	18	19.0	-	-	1.610	825101180
500	20	19.0	-	-	1.787	825101200

\*SDR 9

# Asahitec™ PP-RCT Plumbing and HVAC Piping Systems

## Dimensional Information

**Watertec™**



### WATERTEC™ PP-RCT FIBERCORE™ PIPE FOR HOT/COLD POTABLE WATER

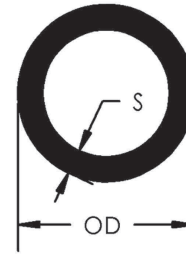
Size		Dimensions		SDR*
mm (OD)	inch (nominal)	S (in.)	L (ft.)	Part Number
20	1/2	0.1102	13.1	825102005
25	3/4	0.1378	13.1	825102007
32	1	0.1417	13.1	825102010
40	1-1/4	0.1772	13.1	825102012
50	1-1/2	0.2205	13.1	825102015
63	2	0.2795	13.1	825102020
75	2-1/2	0.3307	13.1	825102025
90	3	0.3976	13.1	825102030
110	4	0.4843	13.1	825102040
125	4-1/2	0.5512	13.1	825102045
160	6	0.5748	13.1	825102060
200	8	0.7165	19.0	825102080
250	10	0.8937	19.0	825102100
315	12	1.1260	19.0	825102120
355	14	1.2677	19.0	825102140
400	16	1.4291	19.0	825102160
450	18	1.6102	19.0	825102180
500	20	1.7874	19.0	825102200

\*SDR 7.4 (1/2"-3/4"), SDR 9 (1"-4-1/2"), SDR 11 (6"-20")



# Asahitec™ PP-RCT Plumbing and HVAC Piping Systems

## Dimensional Information



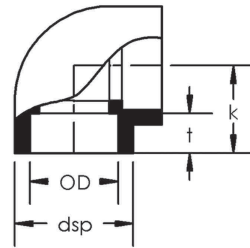
### CLIMATEC™ PP-RCT FIBERCORE™ PIPE FOR HEATING AND COOLING HVAC

Size		Dimensions		SDR*
mm (OD)	inch (nominal)	S (in.)	L (ft.)	Part Number
20	1/2	0.110	13.1	825103005
25	3/4	0.138	13.1	825103007
32	1	0.142	13.1	825103010
40	1-1/4	0.146	13.1	825103012
50	1-1/2	0.181	13.1	825103015
63	2	0.228	13.1	825103020
75	2-1/2	0.268	13.1	825103025
90	3	0.323	13.1	825103030
110	4	0.394	13.1	825103040
125	4-1/2	0.449	13.1	825103045
160	6	0.374	13.1	825103060
200	8	0.469	19.0	825103080
250	10	0.583	19.0	825103100
315	12	0.736	19.0	825103120
355	14	0.835	19.0	825103140
400	16	0.933	19.0	825103160
450	18	1.051	19.0	825103180
500	20	1.169	19.0	825103200

\*SDR 7.4 (1/2"-3/4"), SDR 9 (1"), SDR 11 (1-1/4"-4-1/2") SDR 17 (6"-20")

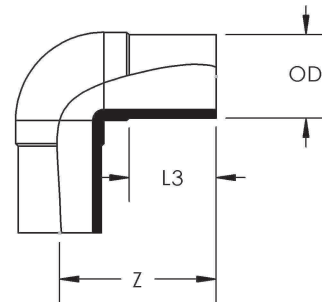


## Dimensional Information



### 90 DEGREE SOCKET ELBOW

Size		Dimensions			SDR 7.4
mm	inch	dsp	t	k	Part Number
20	1/2	1.14	0.59	0.51	825194005
25	3/4	1.34	0.63	0.63	825194007
32	1	1.69	0.71	0.79	825194010
40	1-1/4	2.05	0.83	0.91	825194012
50	1-1/2	2.56	0.94	1.10	825194015
63	2	3.31	1.10	1.34	825194020
75	2-1/2	3.98	1.18	1.61	825194025
90	3	4.72	1.30	1.97	825194030
110	4	5.83	1.46	2.44	825194040
125	4-1/2	6.50	1.57	3.31	825194045



### 90 DEGREE BUTT ELBOW

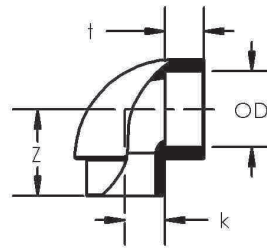
Size		Dimensions		SDR 11	SDR 17
mm	inch	z	L3	Part Number	Part Number
160	6	8.27	4.61	825107060	825110060
200	8	9.84	5.04	825107080	825110080
250	10	12.09	7.09	825107100	825110100
315	12	15.47	7.56	825107120	825110120
355	14	16.18	6.69	825107140	825110140
400	16	18.50	7.36	825107160	825110160
425	18	20.75	8.03	825107180	825110180
500	20	22.13	8.74	825107200	825110200





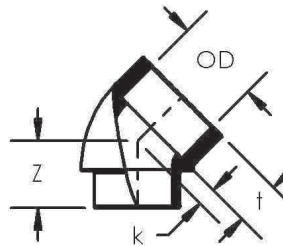
# Asahitec™ PP-RCT Plumbing and HVAC Piping Systems

## Dimensional Information



### 90 DEGREE STREET ELBOW

Size		Dimensions			SDR 7.4
mm	inch	t	k	z	Part Number
20	1/2	0.59	0.47	1.42	825174005
25	3/4	0.63	0.55	1.61	825174007
32	1	0.71	0.71	1.89	825174010
40	1-1/4	0.83	0.83	2.17	825174012

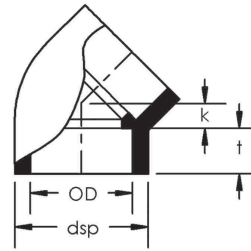


### 45 DEGREE STREET ELBOW

Size		Dimensions			SDR 7.4
mm	inch	t	k	z	Part Number
20	1/2	0.59	0.20	1.10	825179005
25	3/4	0.63	0.24	1.34	825179007
32	1	0.71	0.31	1.54	825179010

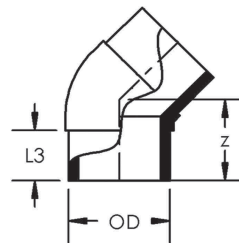


## Dimensional Information



### 45 DEGREE SOCKET ELBOW

Size		Dimensions			SDR 7.4
mm	inch	dsp	t	k	Part Number
20	1/2	1.14	0.59	0.24	825198005
25	3/4	1.34	0.63	0.31	825198007
32	1	1.69	0.71	0.39	825198010
40	1-1/4	2.05	0.83	0.43	825198012
50	1-1/2	2.56	0.94	0.51	825198015
63	2	3.23	1.10	0.63	825198020
75	2-1/2	3.90	1.18	0.79	825198025
90	3	4.72	1.30	0.98	825198030
110	4	5.83	1.46	1.26	825198040
125	4-1/2	6.50	1.57	1.46	825198045



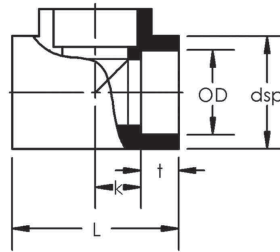
### 45 DEGREE BUTT ELBOW

Size		Dimensions		SDR 11	SDR 17
mm	inch	z	L3	Part Number	Part Number
160	6	6.65	4.45	825108060	825109060
200	8	7.91	5.00	825108080	825109080
250	10	8.54	6.10	825108100	825109100
315	12	11.02	6.34	825108120	825109120
355	14	12.60	6.69	825108140	825109140
400	16	13.78	7.36	825108160	825109160
425	18	15.08	8.03	825108180	825109180
500	20	16.14	8.66	825108200	825109200



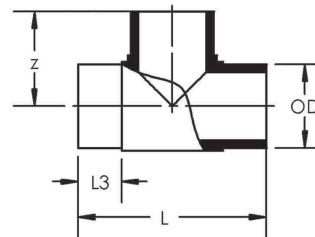
# Asahitec™ PP-RCT Plumbing and HVAC Piping Systems

## Dimensional Information



### SOCKET TEE

Size		Dimensions				SDR 7.4
mm	inch	dsp	t	k	L	Part Number
20	1/2	1.14	0.59	0.51	2.20	825191005
25	3/4	1.34	0.63	0.63	2.52	825191007
32	1	1.69	0.71	0.79	2.99	825191010
40	1-1/4	2.05	0.83	0.91	3.46	825191012
50	1-1/2	2.56	0.94	1.10	4.09	825191015
63	2	3.31	1.10	1.34	4.88	825191020
75	2-1/2	3.94	1.18	1.61	5.59	825191025
90	3	4.72	1.30	1.97	6.54	825191030
110	4	5.83	1.46	2.44	7.80	825191040
125	4-1/2	6.50	1.57	3.31	9.76	825191045



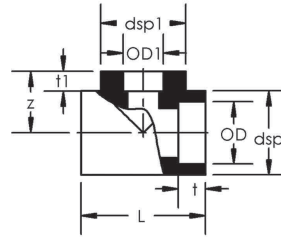
### BUTT TEE

Size		Dimensions			SDR 11	SDR 17
mm	inch	z	L	L3	Part Number	Part Number
160	6	8.86	17.72	4.88	825111060	825115060
200	8	9.88	19.76	5.00	825111080	825115080
250	10	12.36	24.72	5.83	825111100	825115100
315	12	14.06	28.11	6.50	825111120	825115120
355	14	15.43	30.87	6.69	825111140	825115140
400	16	17.13	34.25	7.36	825111160	825115160
425	18	18.90	37.80	8.03	825111180	825115180
500	20	20.59	41.18	8.66	825111200	825115200



# Asahitec™ PP-RCT Plumbing and HVAC Piping Systems

## Dimensional Information



### REDUCING SOCKET TEE

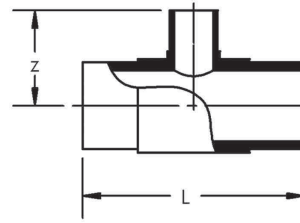
Size		Dimensions						SDR 7.4
mm	inch	dsp	dsp1	t	t1	z	L	Part Number
25x20	3/4 x 1/2	1.34	1.14	0.63	0.59	1.260	2.520	825193101
32x20	1 x 1/2	1.69	1.14	0.71	0.59	1.417	2.992	825193130
32x25	1 x 3/4	1.69	1.34	0.71	0.63	1.417	2.992	825193131
40x20	1-1/4 x 1/2	2.05	1.69	0.79	0.59	1.535	3.465	825193166
40x25	1-1/4 x 3/4	2.05	1.69	0.83	0.63	1.575	3.465	825193167
40x32	1-1/4 x 1	2.05	1.69	0.83	0.71	1.575	3.465	825193168
50x20	1-1/2 x 1/2	2.56	1.69	0.94	0.59	1.811	4.094	825193208
50x25	1-1/2 x 3/4	2.56	1.69	0.94	0.63	1.811	4.094	825193210
50x32	1-1/2 x 1	2.56	1.69	0.94	0.71	1.811	4.094	825193211
50x40	1-1/2 x 1-1/4	3.35	3.35	0.91	1.06	2.441	4.882	825193212
63x20	2 x 1/2	3.35	1.69	1.06	0.55	2.441	4.882	825193246
63x25	2 x 3/4	3.35	1.69	1.06	0.63	2.441	4.882	825193248
63x32	2 x 1	3.35	1.69	1.06	0.71	2.441	4.882	825193249
63x40	2 x 1-1/4	3.35	3.35	1.06	0.79	2.441	4.882	825193250
63x50	2 x 1-1/2	3.35	3.35	1.06	0.91	2.441	4.882	825193251
75x20	2-1/2 x 1/2	3.94	1.69	1.18	0.55	2.795	5.591	825193285
75x25	2-1/2 x 3/4	3.94	1.69	1.18	0.63	2.795	5.591	825193286
75x32	2-1/2 x 1	3.94	1.69	1.18	0.71	2.795	5.591	825193289
75x40	2-1/2 x 1-1/4	3.94	2.56	1.18	0.79	2.795	5.591	825193290
75x50	2-1/2 x 1-1/2	3.94	2.56	1.18	0.91	2.795	5.591	825193291
75x63	2-1/2 x 2	3.94	3.98	1.18	1.06	2.795	5.591	825193292
90x63	3 x 2	3.35	3.27	1.30	???	1.969	6.535	825193338
90x75	3 x 2-1/2	4.72	3.94	1.30	1.18	3.268	6.535	825193339
110x63	4 x 2	5.83	3.35	1.46	1.10	3.898	7.795	825193420
110x75	4 x 2-1/2	5.83	3.94	1.46	1.18	3.898	7.795	825193421
110x90	4 x 3	5.83	4.72	1.46	1.30	3.898	7.795	825193422
125x75	4-1/2 x 2-1/2	6.50	3.94	1.57	1.18	4.094	9.764	825193459
125x90	4-1/2 x 3	6.50	4.72	1.57	1.30	4.173	9.764	825193460
125x110	4-1/2 x 4	6.50	5.83	1.57	0.91	4.331	9.764	825193461





# Asahitec™ PP-RCT Plumbing and HVAC Piping Systems

## Dimensional Information

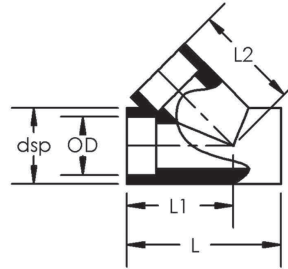


### REDUCING BUTT TEE

Size		Dimensions		SDR 11	SDR 17x11
mm	inch	z	L	Part Number	Part Number
160x90	6 x 3	7.48	16.69	825112531	825117531
160x110	6 x 4	7.76	16.69	825112532	825117532
200x90	8 x 3	8.39	20.31	825112582	825117582
200x110	8 x 4	8.82	20.31	825112583	825117583
200x125	8 x 4-1/2	8.90	20.31	825112584	825117584
200x160	8 x 6	9.53	20.31	825112585	825117585

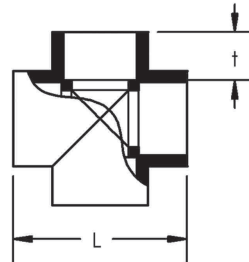
# Asahitec™ PP-RCT Plumbing and HVAC Piping Systems

## Dimensional Information



### SOCKET WYE

Size		Dimensions			SDR 11
mm	inch	L	L1	L2	Part Number
32	1	3.50	1.93	3.11	825189010
40	1-1/4	4.80	2.24	4.13	825189012
50	1-1/2	5.16	2.52	4.45	825189015
63	2	6.65	3.07	5.67	825189020



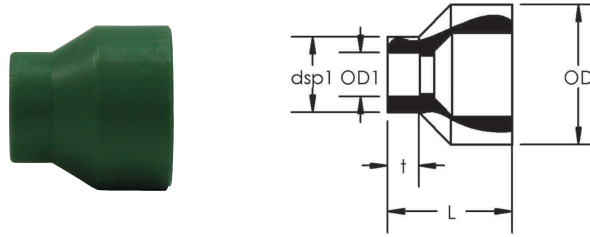
### SOCKET CROSS

Size		Dimensions		SDR 11
mm	inch	t	L	Part Number
20	1/2	0.57	2.05	825114005
25	3/4	0.63	2.32	825114007
32	1	0.87	3.07	825114010
40	1-1/4	1.02	3.70	825114012
50	1-1/2	0.91	4.41	825114015
63	2	1.06	5.43	825114020



# Asahitec™ PP-RCT Plumbing and HVAC Piping Systems

## Dimensional Information

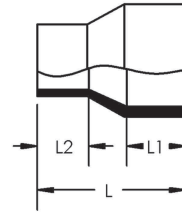


### REDUCING BUSHING - SPIGOT X SOCKET

Size		Dimensions			SDR 7.4
mm	inch	dsp	t	L	Part Number
25 x 20	3/4 x 1/2	1.14	0.55	1.42	825195101
32 x 20	1 x 1/2	1.14	0.55	1.46	825195130
32 x 25	1 x 3/4	1.34	0.63	1.54	825195131
40 x 20	1-1/4 x 1/2	1.34	0.59	1.69	825195166
40 x 25	1-1/4 x 1/2	1.34	0.63	1.69	825195167
40 x 32	1-1/4 x 1	1.69	0.71	1.77	825195168
50 x 20	1-1/2 x 1/2	1.69	0.59	2.01	825195208
50 x 25	1-1/2 x 3/4	1.69	0.63	2.01	825195210
50 x 32	1-1/2 x 1	1.69	0.71	2.01	825195211
50 x 40	1-1/2 x 1-1/4	2.05	0.79	2.09	825195212
63 x 20	2 x 1/2	1.34	0.55	2.20	825195246
63 x 25	2 x 3/4	1.34	0.63	2.20	825195248
63 x 32	2 x 1	1.69	0.71	2.28	825195249
63 x 40	2 x 1-1/4	2.05	0.79	2.36	825195250
63 x 50	2 x 1-1/2	2.56	0.91	2.48	825195251
75 x 20	2-1/2 x 1/2	2.56	0.91	2.64	825195291
75 x 63	2-1/2 x 2	3.15	1.06	2.80	825195292
90 x 50	3 x 1-1/2	2.56	0.91	2.91	825195337
90 x 63	3 x 2	3.15	1.06	3.07	825195338
90 x 75	3 x 2-1/2	3.90	1.18	3.19	825195339
110 x 63	4 x 2	3.35	1.06	3.43	825195420
110 x 75	4 x 2-1/2	3.94	1.18	3.54	825195421
110 x 90	4 x 3	4.72	1.26	3.66	825195422

# Asahitec™ PP-RCT Plumbing and HVAC Piping Systems

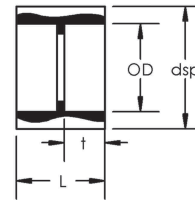
## Dimensional Information



### CONCENTRIC REDUCER

Size		Dimensions			SDR 11	SDR 17
mm	inch	L	L1	L2	Part Number	Part Number
125 x 110	4-1/2 x 4	8.86	3.94	3.35	825113461	-
160 x 110	6 x 4	10.04	4.33	3.66	825113532	825119533*
160 x 125	6 x 4-1/2	10.24	4.45	3.74	825113533	825119583*
200 x 160	8 x 6	11.93	5.59	4.61	825113585	825119627
250 x 160	10 x 6	13.35	5.43	4.37	825113627	825119628
250 x 200	10 x 8	13.39	5.51	5.12	825113628	825119660
315 x 250	12 x 10	15.75	6.30	5.71	825113673	825119694
400 x 315	16 x 12	18.11	7.48	6.50	825113721	825119724
400 x 355	16 x 14	18.23	7.48	7.28	825113724	825119708

Special machined concentric reducers are available upon request.



### SOCKET COUPLING

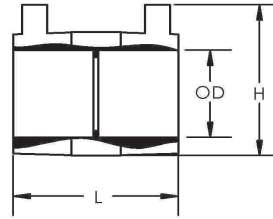
Size		Dimensions			SDR 7.4
mm	inch	dsp	t	L	Part Number
20	1/2	1.14	0.57	1.34	825185005
25	3/4	1.34	0.63	1.46	825185007
32	1	1.69	0.71	1.61	825185010
40	1-1/4	2.05	0.81	1.81	825185012
50	1-1/2	2.56	0.93	2.05	825185015
63	2	3.31	1.08	2.36	825185020
75	2-1/2	3.90	1.18	2.56	825185025
90	3	4.72	1.30	2.99	825185030
110	4	5.83	1.46	3.15	825185040
125	4-1/2	6.50	1.57	3.54	825185045





# Asahitec™ PP-RCT Plumbing and HVAC Piping Systems

## Dimensional Information



### ELECTROFUSION COUPLING

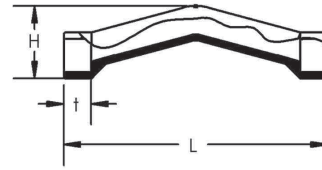
Size		Dimensions		SDR 7.4
mm	inch	L	H	Part Number
20	1/2	2.76	2.05	825177005
25	3/4	2.76	2.24	825177007
32	1	2.76	2.56	825177010
40	1-1/4	3.35	2.95	825177012
50	1-1/2	3.43	3.39	825177015
63	2	3.82	3.94	825177020
75	2-1/2	4.72	4.49	825177025
90	3	5.79	5.12	825177030
110	4	6.18	5.67	825177040
125	4-1/2	6.50	6.57	825177045

Size		Dimensions		SDR 11
mm	inch	L	H	Part Number
160	6	6.93	8.07	825177060
200	8	7.36	9.65	825177080
250	10	9.57	12.40	825177100
315	12	11.02	14.76	825177120
355	14	12.40	17.13	825177140
400	16	13.98	18.98	825177160
450	18	13.78	21.02	825177180



# Asahitec™ PP-RCT Plumbing and HVAC Piping Systems

## Dimensional Information

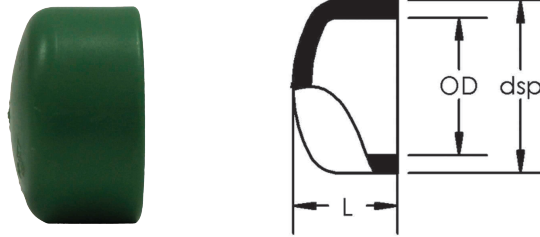


### SOCKET CROSSOVER

Size		Dimensions			SDR 7.4
mm	inch	t	L	H	Part Number
20	1/2	0.57	6.30	1.77	825176005
25	3/4	0.63	7.87	2.17	825176007
32	1	1.02	9.45	2.76	825176010
63	2	1.08	6.65	3.07	825189020

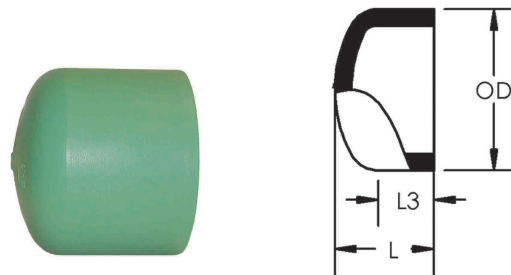
# Asahitec™ PP-RCT Plumbing and HVAC Piping Systems

## Dimensional Information



### SOCKET CAP

Size		Dimensions		SDR 7.4
mm	inch	dsp	L	Part Number
20	1/2	1.14	0.98	825181005
25	3/4	1.34	1.10	825181007
32	1	1.69	1.26	825181010
40	1--1/4	2.05	1.42	825181012
50	1-1/2	2.56	1.61	825181015
63	2	3.11	1.89	825181020
75	2-1/2	3.90	2.13	825181025
90	3	4.72	2.60	825181030
110	4	5.83	3.11	825181040
125	4-1/2	6.50	3.43	825181045



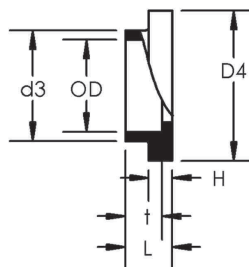
### BUTT CAP

Size		Dimensions		SDR 11	SDR 17
mm	inch	L	L3	Part Number	Part Number
160	6	5.51	3.94	825121060	825122060
200	8	7.48	5.71	825121080	825122080
250	10	8.58	6.42	825121100	825122100
315	12	9.84	7.56	825121120	825122120
355	14	10.83	8.46	825121140	825122140
400	16	11.14	8.98	825121160	825122160
450	18	12.05	7.68	825121180	825122180
500	20	13.19	8.35	825121200	825122200



# Asahitec™ PP-RCT Plumbing and HVAC Piping Systems

## Dimensional Information

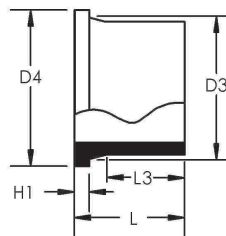
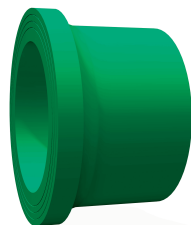


### STUB END - SOCKET<sup>+</sup>

Size		Dimensions					SDR 7.4
mm	inch	k	L	d3	D4	H	Part Number
40	1-1/4	0.35	1.14	1.97	2.40	0.31	825155012*
50	1-1/2	0.16	1.06	2.40	2.91	0.31	825155015
63	2	0.51	1.57	2.99	4.02	0.67	825155020
75	2-1/2	0.31	1.50	3.54	4.80	0.75	825155025
90	3	0.47	1.77	4.25	5.39	0.83	825155030
110	4	0.51	1.97	5.16	6.22	0.83	825155040

\*Special order item. Non-cancelable. Non-returnable.

+Requires backing ring (page 25).



### STUB END - BUTT<sup>+</sup>

Size		Dimensions					SDR 11	SDR 17
mm	inch	L	L3	D	D4	H	Part Number	Part Number
125	4-1/2	6.10	4.09	6.10	7.40	0.74	825118045*	-
160	6	6.89	4.33	6.89	8.35	0.98	825118060	825120060
200	8	9.13	5.00	9.13	10.55	1.26	825118080	825120080
250	10	11.22	5.75	11.22	12.60	1.38	825118100	825120100
315	12	13.27	7.28	13.27	14.65	1.42	825118120	825120120
355	14	14.69	7.17	14.69	16.93	1.57	825118140	825120140
400	16	16.81	7.56	16.81	30.79	1.77	825118160	825120160
450	18	20.24	8.66	20.24	23.03	2.36	825118180	825120180
500	20	20.87	9.21	20.87	23.03	2.36	825118200	825120200

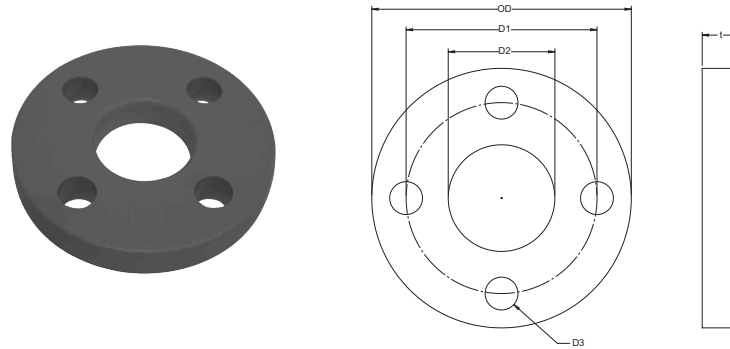
\*Uses 4" backing ring and 125mm coupling.

+Requires backing ring (page 25).



# Asahitec™ PP-RCT Plumbing and HVAC Piping Systems

## Dimensional Information



### STEEL REINFORCED BACKING RING\*

Size		Dimensions							PP - Black*
mm	inch	OD	D1	D2	D3	t	Weight	# of Bolt Holes	Part Number
20	1/2	3.740	2.380	1.102	0.630	0.472	0.463	4	5146005
25	3/4	4.016	2.750	1.339	0.630	0.472	0.529	4	5146007
32	1	4.488	3.120	1.654	0.630	0.630	0.807	4	5146010
40	1-1/4	5.118	3.500	2.008	0.630	0.630	1.235	4	5146012
50	1-1/2	5.236	3.880	2.441	0.630	0.709	1.193	4	5146015
63	2	6.378	4.750	3.071	0.787	0.709	1.788	4	5146020
75	2-1/2	7.244	5.500	3.622	0.787	0.709	2.352	4	5146025
90	3	7.638	6.000	4.370	0.787	0.709	2.271	4	5146030
110	4	9.016	7.500	5.236	0.787	0.709	3.342	8	5146040
160	6	11.142	9.500	7.008	0.866	0.945	5.115	8	5146060
200/225	8	13.583	11.750	9.291	0.866	0.945	7.474	8	5146080
250/280	10	16.220	14.250	11.339	0.984	1.024	13.669	12	5146100
315	12	19.173	17.000	13.307	0.984	1.260	28.748	12	5146120

225mm (9") and 200mm (8") stub ends use 8" ANSI backing rings.  
Consult factory for backing rings larger than 315mm (12").

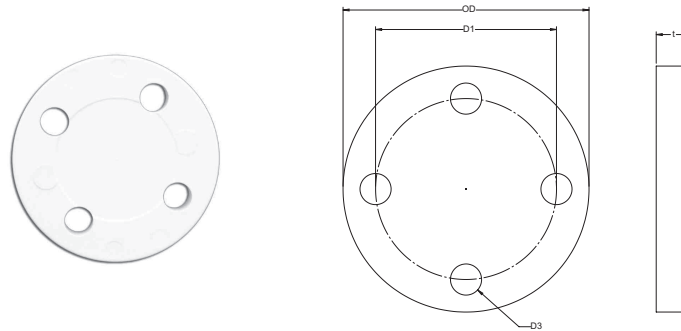
\*DIN bolt pattern PN 10/16 available.

\*PP black UV resistant.

150lb bolt hole pattern.



## Dimensional Information



### PP BLIND FLANGE

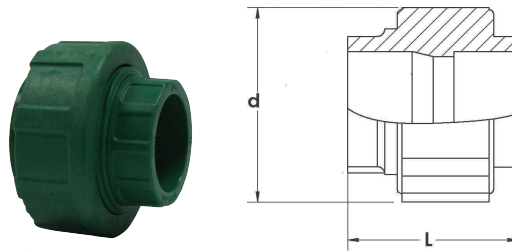
Size		Dimensions				Weight (lbs)	# of Bolt Holes	230 PSI
mm	inch	OD	D1	D3	t			Part Number
20	1/2	3.740	2.380	0.630	0.472	0.569	4	5042005
25	3/4	4.016	2.750	0.630	0.472	0.750	4	5042007
32	1	4.488	3.120	0.630	0.630	1.118	4	5042010
40	1-1/4	5.118	3.500	0.630	0.630	1.614	4	5042012
50	1-1/2	5.236	3.880	0.630	0.709	1.775	4	5042015
63	2	6.378	4.750	0.787	0.709	2.690	4	5042020
75	2-1/2	7.244	5.500	0.787	0.709	3.400	4	5042025
90	3	7.638	6.000	0.787	0.709	4.057	4	5042030
110	4	9.016	7.500	0.787	0.709	6.504	8	5042040
160	6	11.142	9.500	0.866	0.945	11.244	8	5042060
200	8	13.583	11.750	0.866	0.945	17.461	8	5042080
250	10	16.220	14.250	0.984	1.024	33.400	12	5042100
315	12	19.173	17.000	0.984	1.260	63.493	12	5042120

150lb bolt hole pattern.



# Asahitec™ PP-RCT Plumbing and HVAC Piping Systems

## Dimensional Information

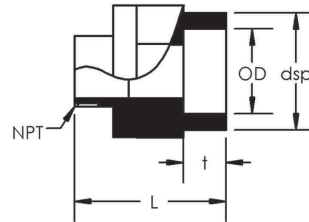
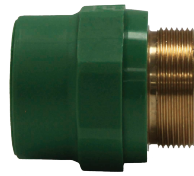


### UNION - SOCKET

Size		Dimensions		SDR 7.4
mm	inch	L	d	Part Number
20	1/2	1.73	1.81	825197005
25	3/4	1.87	2.20	825197007
32	1	2.03	2.60	825197010
40	1--1/4	2.28	3.11	825197012
50	1-1/2	2.60	3.43	825197015
63	2	3.09	4.21	825197020

# Asahitec™ PP-RCT Plumbing and HVAC Piping Systems

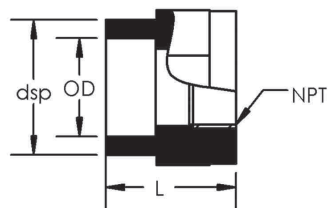
## Dimensional Information



### MALE NPT ADAPTER WITH LEAD FREE BRASS CONNECTION

Size mm x inch	Dimensions				SDR 7.4
	dsp	t	L	sw	Part Number
20 x 1/2"	1.14	0.59	2.17	1.42	825159005
20 x 3/4"	1.34	0.63	2.28	1.73	825159006
25 x 1/2"	1.34	0.63	2.20	1.42	825159101
25 x 3/4"	1.34	0.63	2.28	1.73	825159007
32 x 3/4"	1.69	0.63	2.28	1.73	825159131
32 x 1"	1.69	0.63	2.60	2.01	825159010
40 x 1"	2.17	0.79	2.80	2.44	825159168
40 x 1-1/4"	2.05	0.83	2.91	2.48	825159012
50 x 1-1/2"	2.52	0.91	3.03	2.76	825159015
63 x 2"	3.11	1.06	3.62	3.35	825159020
75 x 2-1/2"	3.90	1.18	4.41	4.53	825159025
90 x 3"	4.72	1.26	5.63	5.31	825159030
110 x 4"	5.83	1.46	6.34	6.69	825159040

## Dimensional Information

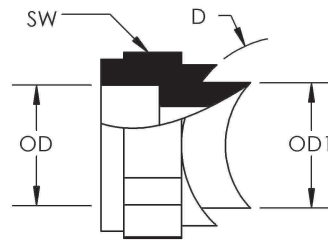


### FEMALE NPT ADAPTER WITH LEAD FREE BRASS CONNECTION

Size mm x inch	Dimensions			SDR 7.4
	dsp	L	sw	Part Number
20 x 1/2"	1.14	1.57	1.42	825153005
20 x 3/4"	1.34	1.65	1.73	825153006
25 x 1/2"	1.34	1.61	1.42	825153101
25 x 3/4"	1.34	1.65	1.73	825153007
32 x 3/4"	1.69	1.73	1.73	825153131
32 x 1"	1.69	1.89	2.01	825153010
40 x 1"	2.17	2.13	2.44	825153168
40 x 1-1/4"	2.05	2.13	2.48	825153012
50 x 1-1/2"	2.52	2.24	2.76	825153015
63 x 2"	3.11	2.68	3.35	825153020
75 x 2-1/2"	3.90	3.23	4.53	825153025
90 x 3"	4.72	4.25	5.31	825153030
110 x 4"	5.83	4.76	6.69	825153040

# Asahitec™ PP-RCT Plumbing and HVAC Piping Systems

## Dimensional Information



### SIDE WALL BRANCH SOCKET OUTLET

Size mm x mm	Dimensions		SDR 7.4
	h	sw	Part Number
40-63 x 20 PP-RCT 25mm Side	1.14	1.50	825142166
40-63 x 25 PP-RCT 25mm Side	1.14	1.50	825142167
75-125 x 20 PP-RCT 25mm Side	1.14	1.50	825142285
75-125 x 25 PP-RCT 25mm Side	1.14	1.50	825142286
75-125 x 32 PP-RCT 32mm Side	1.38	2.01	825142289
75-125 x 40 PP-RCT 40mm Side	1.50	2.48	825142290
110-125 x 50 PPRCT 50mm Side	1.54	2.76	825142415
125 x 63 PP-RCT 63mm Side	1.77	3.35	825142458
160-250 x 20 PP-RCT 25mm Side	1.14	1.50	825142512
160-250 x 25 PP-RCT 25mm Side	1.14	1.50	825142514
160-250 x 32 PP-RCT 32mm Side	1.38	2.01	825142516
160-250 x 40 PP-RCT 40mm Side	1.50	2.48	825142519
160-250 x 50 PP-RCT 50mm Side	1.54	2.76	825142523
160-250 x 63 PP-RCT 63mm Side	1.77	3.35	825142530
315-630 x 20 PP-RCT 25mm Side	1.14	1.50	825142651
315-630 x 25 PP-RCT 25mm Side	1.14	1.50	825142652
315-630 x 32 PP-RCT 32mm Side	1.38	2.01	825142653
315-630 x 40 PP-RCT 40mm Side	1.50	2.48	825142654
315-630 x 50 PP-RCT 50mm Side	1.54	2.76	825142655
315-630 x 63 PP-RCT 63mm Side	1.77	3.35	825142656



# Asahitec™ PP-RCT Plumbing and HVAC Piping Systems

## Dimensional Information



### TYPE A SOCKET FUSION HEATER BUSHINGS

Size		Part Number
mm	inch	
20	1/2	825797005
25	3/4	825797007
32	1	825797010
40	1-1/4	825797012
50	1-1/2	825797015
63	2	825797020
75	2-1/2	825797025
90	3	825797030
110	4	825797040
125	4-1/2	825797045



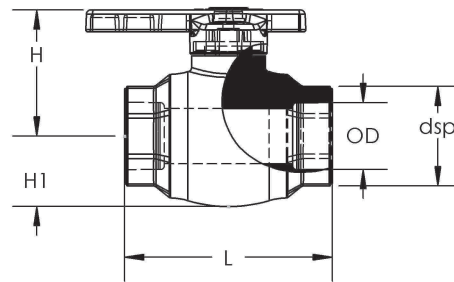
### BRANCH OUTLET BUSHINGS

mm	Size	Part Number
	inch	
40-63 x 25	1-1/4-2 x 3/4	825797166
40-63 x 32	1-1/4-2 x 1	825797168
75-125 x 25	2-1/2-4-1/2 x 3/4	825797286
75-125 x 32	2-1/2-4-1/2 x 1	825797289
75-125 x 40	2-1/2-4-1/2 x 1-1/4	825797290
110-125 x 50	4-4-1/2 x 1-1/2	825797415
125 x 63	4-1/2 x 2	825797458
160-250 x 25	6-10 x 3/4	825797514
160-250 x 32	6-10 x 1	825797516
160-250 x 40	6-10 x 1-1/4	825797519
160-250 x 50	6-10 x 1-1/2	825797523
160-250 x 63	6-10 x 2	825797530
315-630 x 25	12-20 x 3/4	825797652
315-630 x 32	12-20 x 1	825797653
315-630 x 40	12-20 x 1-1/4	825797654
315-630 x 50	12-20 x 1-1/2	825797655
315-630 x 63	12-20 x 2	825797656



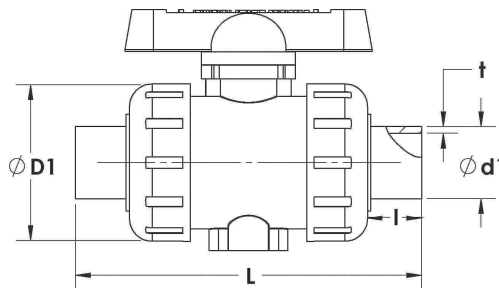
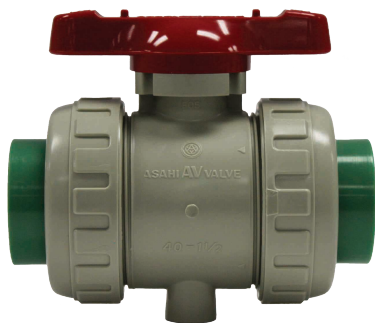
# Asahitec™ PP-RCT Plumbing and HVAC Piping Systems

## Dimensional Information



### COMPACT BALL VALVE - SOCKET

Size		Dimensions				SDR 7
mm	inch	H	H1	L	dsp	Part Number
20	1/2	2.04	0.98	3.46	1.22	825162005
25	3/4	2.18	1.04	3.62	1.50	825162007
32	1	2.29	1.28	3.78	1.81	825162010
40	1-1/4	3.00	1.77	4.53	2.13	825162012
50	1-1/2	3.24	2.04	4.86	2.60	825162015
63	2	3.53	2.26	5.91	3.23	825162020



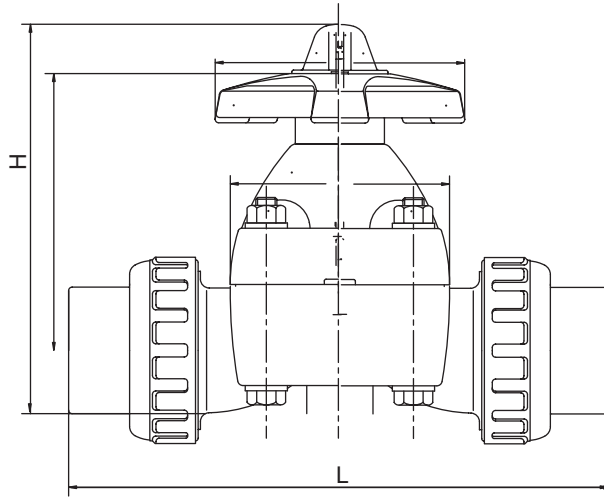
### TYPE-21 TRUE UNION BALL VALVE - SOCKET

Size		Dimensions				EPDM O-RINGS
mm	inch	D1	d1	I	L	Part Number
20	1/2	0.848	0.836	0.875	4.45	821638005
25	3/4	1.058	1.046	1.000	5.08	821638007
32	1	1.325	1.310	1.125	5.75	821638010
40	1-1/4	1.553	1.543	1.250	6.46	821638012
50	1-1/2	1.912	1.894	1.375	7.24	821638015
63	2	2.387	2.369	1.500	8.23	821638020
75	2-1/2	2.560	2.923	1.75	9.45	821638025
90	3	5.48	3.51	1.40	9.92	821638030
110	4	8.27	4.29	1.63	13.28	821638040





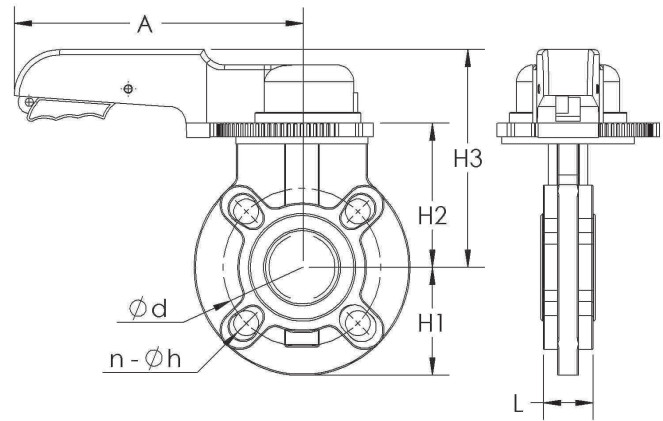
## Dimensional Information



### TYPE-14 TRUE UNION DIAPHRAGM VALVE - SOCKET

Size		Dimensions		ANSI / PN 10 / 150 PSI	
				PP Body and BONNET/EP DIA.	
mm	inch	H	L	Part Number	
20	1/2	7.32	4.25	821535005	
25	3/4	7.40	5.88	821535007	
32	1	7.60	5.88	821535010	
40	1-1/4	7.76	6.38	821535012	
50	1-1/2	11.54	6.94	821535015	
63	2	11.89	7.94	821535020	

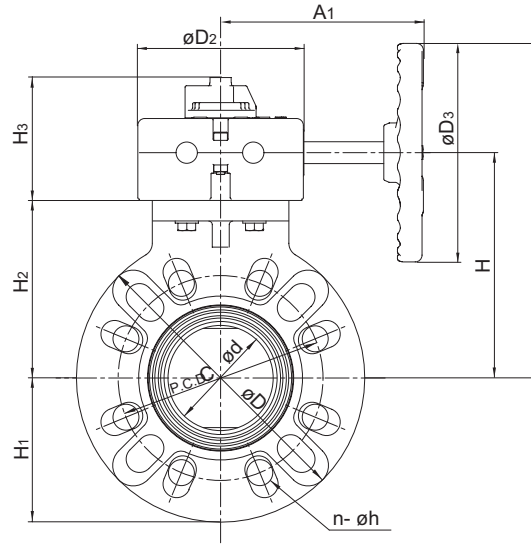
## Dimensional Information



### TYPE-57 LEVER BUTTERFLY VALVE

Size		Dimensions					ANSI / PN 10 / 150 PSI	
mm	inch	A	H1	H2	H3	L	PP BODY AND DISC/EPDM	
							Part Number	
50	1-1/2	8.66	2.95	3.94	2.20	1.54	3752015	
63	2	8.66	3.25	4.33	2.20	1.65	3752020	
75	2-1/2	8.66	3.64	4.72	2.20	1.81	3752025	
90	3	9.84	4.15	5.31	2.20	1.81	3752030	
110	4	9.84	4.69	5.91	2.20	2.20	3752040	
125	4-1/2	12.60	5.20	6.61	2.72	2.60	3752050	
160	6	12.60	5.61	7.20	2.72	2.80	3752060	
200	8	15.75	6.69	8.43	2.72	3.43	3752080	

## Dimensional Information



### TYPE-57 GEAR BUTTERFLY VALVE

Size		Dimensions									ANSI / PN 10 / 150 PSI
mm	inch	d	D	D2	D3	H	H1	H2	H3	A1	PP BODY AND DISC/EPDM
											Part Number
50	1-1/2	1.77	5.91	4.8	6.30	5.12	2.95	3.74	3.54	6.57	3726015
63	2	2.20	6.50	4.8	6.30	5.51	3.25	4.13	3.54	6.57	3726020
75	2-1/2	2.72	7.28	4.8	6.30	5.91	3.64	4.53	3.54	6.57	3726025
90	3	3.03	8.31	4.8	6.30	6.50	4.15	5.12	3.54	6.57	3726030
110	4	4.02	9.37	4.8	6.30	7.09	4.69	5.71	3.54	6.57	3726040
125	4-1/2	5.08	10.39	4.8	6.30	7.68	5.20	6.30	3.54	6.57	3726050
160	6	5.91	11.22	4.8	6.30	8.27	5.61	6.89	3.54	6.57	3726060
200	8	7.68	13.39	4.8	6.30	9.49	6.69	8.11	3.54	6.57	3726080
250	10	9.84	16.57	4.8	6.30	10.87	8.31	9.49	3.62	6.57	3726100
315	12	11.93	19.21	7.4	11.81	13.39	9.61	11.73	4.25	10.71	3726120
450	14	13.82	21.22	7.4	11.81	14.49	10.63	12.90	4.25	10.71	3726140
500	16	15.98	23.52	7.4	11.81	14.92	11.81	13.54	4.25	10.71	3726160

# Asahitec™ PP-RCT Plumbing and HVAC Piping Systems

## Dimensional Information



**Body:** PP-RCT  
**Seat:** Lead free brass  
**Seal:** EPDM  
**End Connection:** Threaded

### ANGLE SEAT VALVE

Size		Dimensions		SDR 7
mm	inch	t	L	Part Number
20	1/2	0.57	4.53	825164005
25	3/4	0.63	4.53	825164007
32	1	0.71	4.72	825164010
40	1-1/4	0.81	5.71	825164012



**Body:** PP-RCT  
**Seat:** Lead free brass  
**Seal:** EPDM  
**End Connection:** Threaded

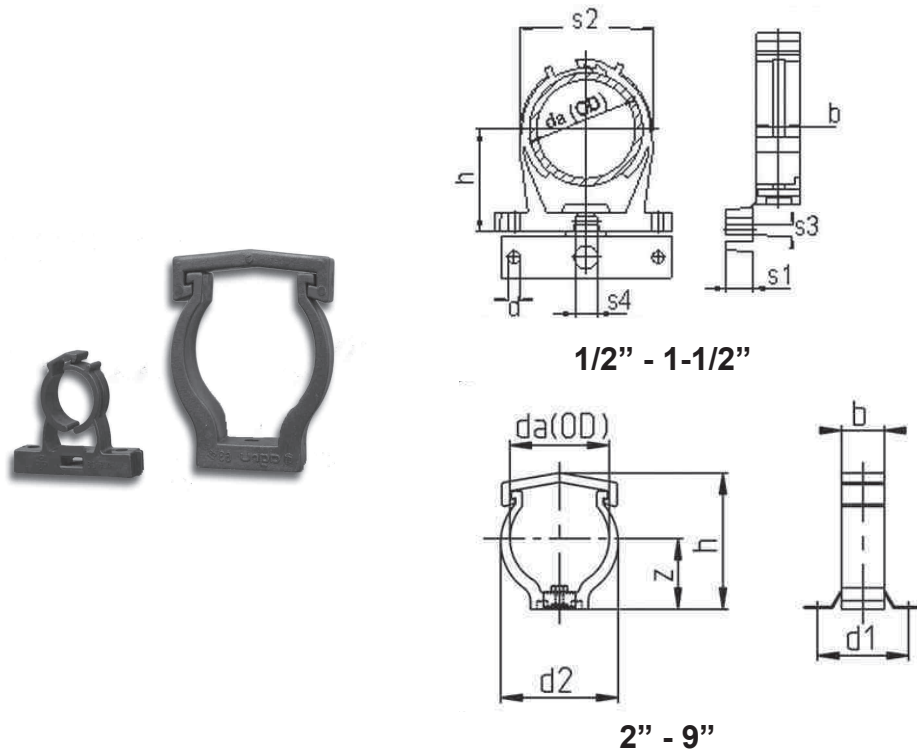
### ANGLE SEAT VALVE WITH CHECK

Size		Dimensions		SDR 7
mm	inch	t	L	Part Number
20	1/2	0.57	4.53	825165005
25	3/4	0.63	4.53	825165007
32	1	0.71	4.72	825165010
40	1-1/4	0.81	5.71	825165012



# Asahitec™ PP-RCT Plumbing and HVAC Piping Systems

## Dimensional Information



### PP PIPE CLIPS

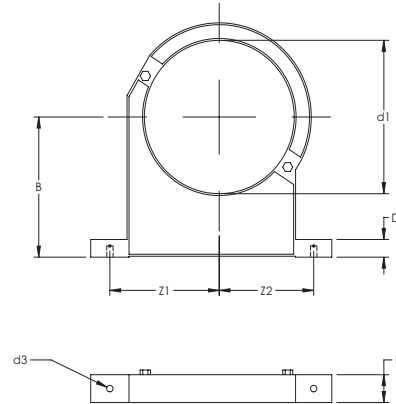
Size		Dimensions						Part Number
mm	inch	h	s1	s2	s3	s4	b	
20	1/2	1.06	0.24	1.14	0.26	0.35	0.55	5349005
25	3/4	1.18	0.40	1.34	0.26	0.35	0.63	5349007
32	1	1.24	0.45	1.54	0.26	0.35	0.63	5349010
40	1-1/4	1.46	0.55	1.97	0.26	0.35	0.69	5349012
50	1-1/2	1.61	0.59	2.20	0.26	0.35	0.79	5349015

Size		Dimensions					Part Number
mm	inch	z	d1	d2	h	b	
63	2	2.04	2.91	3.07	3.74	1.16	5246020
75	2-1/2	2.40	3.23	3.70	4.41	1.57	5246025
90	3	2.63	3.22	4.25	5.03	1.57	5246030
110	4	3.14	3.22	5.39	5.98	1.57	5246040
125	4-1/2	3.66	4.33	6.10	6.81	2.36	5246045
160	6	4.56	4.33	7.24	8.54	2.36	5246060
200	8	5.82	4.33	9.37	10.50	2.36	5246080
225	9	6.22	4.33	10.28	11.46	2.36	5246090



# Asahitec™ PP-RCT Plumbing and HVAC Piping Systems

## Dimensional Information



### PP PIPE CLIPS

Size		Dimensions						Part Number
mm	inch	B	D	E	d3	Z1	Z2	
250	10	7.88	0.98	1.57	0.51	7.19	5.61	5350100
280	11	7.88	0.98	1.57	0.51	7.78	6.12	5350110
315	12	8.86	0.98	1.57	0.51	8.6	6.75	5350120
355	14	10.12	1.18	1.97	0.67	10.87	8.27	5350140
400	16	11.34	1.18	1.97	0.67	11.85	9.06	5350160





# Asahitec™ PP-RCT Plumbing and HVAC Piping Systems

## Dimensional Information

### AV GASKETS

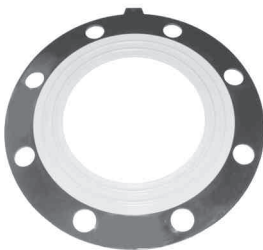
Please consult current Valve List Price book to ensure the list prices on all AV gaskets are current. Current Valve Price book supersedes this pricing.



**EPDM**  
Durometer 65-70



**PVDF**  
Durometer 83-85



**PTFE**  
Durometer 95-100



**PTFE**

### AV Gaskets - EPDM

Size	Description	Part Number
1/2"	EPDM	3113005
3/4"	EPDM	3113007
1"	EPDM	3113010
1-1/4"	EPDM	3113012
1-1/2"	EPDM	3113015
2"	EPDM	3113020
2-1/2"	EPDM	3113025
3"	EPDM	3113030
4"	EPDM	3113040
5"	EPDM	3113050
6"	EPDM	3113060
8"	EPDM	3113080
10"	EPDM	3113100
12"	EPDM	3113120

### AV Gaskets - PVDF

Size	Description	Part Number
1/2"	PVDF	3115005
3/4"	PVDF	3115007
1"	PVDF	3115010
1-1/2"	PVDF	3115015
2"	PVDF	3115020
3"	PVDF	3115030
4"	PVDF	3115040
5"	PVDF	3115050
6"	PVDF	3115060
8"	PVDF	3115080
10"	PVDF	3115100

### AV Gaskets - PTFE

Size	Description	Part Number
1/2"	PTFE	3114005
3/4"	PTFE	3114007
1"	PTFE	3114010
1-1/4"	PTFE	3114012
1-1/2"	PTFE	3114015
2"	PTFE	3114020
2-1/2"	PTFE	3114025
3"	PTFE	3114030
4"	PTFE	3114040
5"	PTFE	3114050
6"	PTFE	3114060
8"	PTFE	3114080
10"	PTFE	3114100
12"	PTFE	3114120

General grade, available cleaned and bagged.

### CT GASKETS - PTFE

Size		Description	Part Number
mm	inch		
355	14	PTFE -ANSI 150#	3116140
400	16	PTFE -ANSI 150#	3116160
450	18	PTFE -ANSI 150#	3116180
500	20	PTFE -ANSI 150#	3116200
630	24	PTFE -ANSI 150#	3116240



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