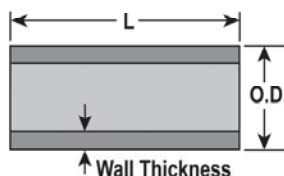


OceanTUFF® CPVC Drainage Pipe 10 ft.

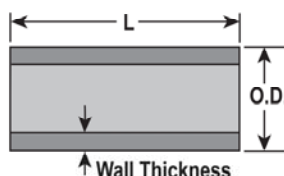
10 Ft Length
 Priced per foot



Part Number	Size	L	AVG.O.D.	Minimum Wall	Approx. Wt. (Lbs.)
CG-LW-015	1-1/2	10	1.900	.145	.56
CG-LW-020	2	10	2.375	.154	.77
CG-LW-030	3	10	3.500	.216	1.53
CG-LW-040	4	10	4.500	.237	2.23
CG-LW-060	6	10	6.625	.280	3.94
CG-LW-080	8	10	8.625	.322	5.95
CG-LW-100	10	10	10.750	.365	8.53
CG-LW-120	12	10	12.750	.406	10.83

OceanTUFF® CPVC Drainage Pipe 20 ft.

20 FT Length
 Priced per foot



Part Number	Size	L	AVG.O.D.	Minimum Wall	Approx. Wt. (Lbs.)
CG-LW20-015	1-1/2	20	1.900	.145	.56
CG-LW20-020	2	20	2.375	.154	.77
CG-LW20-030	3	20	3.500	.216	1.53
CG-LW20-040	4	20	4.500	.237	2.23
CG-LW20-060	6	20	6.625	.280	3.94
CG-LW20-080	8	20	8.625	.322	5.95
CG-LW20-100	10	20	10.750	.365	8.66
CG-LW20-120	12	20	12.750	.406	11.75

P091 FKM Elastomer No-Hub Coupling - IPS Pipe/Metric Pipe OceanTUFF®

IPS Clamp Joint X Metric Clamp Joint

For connection of IPS pipe systems to Metric pipe systems. Shielded FKM (Fluorocarbon) w/gear clamps.



Part Number	Size	D	H	L	Approx. Wt. (Lbs.)
CG-P091-015	1-1/2 X 53/55mm	2-3/8	2-3/4	2-1/8	.45
CG-P091-020	2 X 53/55mm	2-13/16	3-3/16	2-1/8	.64



Marine & Offshore Technical
OceanTUFF® CPVC Marine Drainage Fittings

**P091 FKM Elastomer No-Hub
Coupling - IPS Pipe/Metric Pipe
OceanTUFF®**

(Continued)

IPS Clamp Joint X Metric Clamp Joint

For connection of IPS pipe systems to Metric pipe systems. Shielded FKM (Fluorocarbon) w/gear clamps.



Part Number	Size	D	H	L	Approx. Wt. (Lbs.)
CG-P091-02075	2 X 75/77mm	3-3/8	3-3/4	2-1/8	.60
CG-P091-030	3 X 88/90mm	3-13/16	4-3/16	2-1/8	.78
CG-P091-040	4 X 102/110mm	4-13/16	5-1/4	2-1/8	.82
CG-P091-060	6 x 159/160mm	7	7-7/16	3	1.23

Maximum clamp torque value 75 in/lbs.

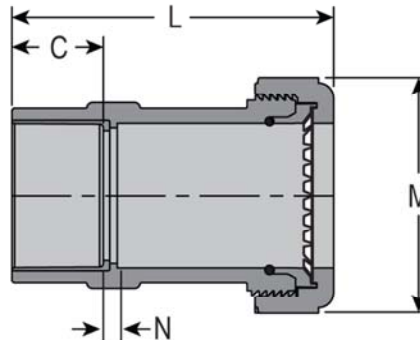
**P092 GripLock™ Transition
Coupling - OceanTUFF®**

H x GripLoc™ Compression

WARNING: DO NOT INSERT FINGERS

FKM Gasket

Do Not Use Solvent Cement on GripLoc™ End.



Part Number	Size	C	L	M	N	Approx. Wt. (Lbs.)
CG-P092-015C	1-1/2	1-3/8	4-7/8	3-5/16	7/32	.77
CG-P092-020C	2	1-1/2	5-5/16	3-15/16	1/4	.87

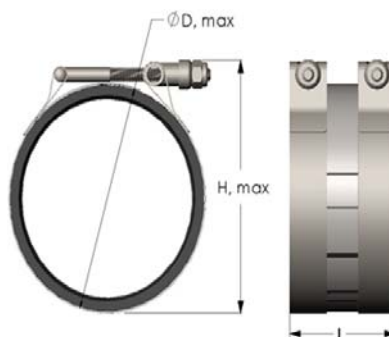
Gripper is 410 Stainless Steel

P093 FKM Elastomer No-Hub Coupling - IPS Pipe -

OceanTUFF®

IPS Clamp Joint x IPS Clamp Joint

For connection to any same-size IPS pipe systems. Shielded FKM (Fluorocarbon) w/gear clamps.

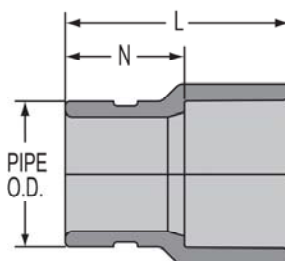


Part Number	Size	D	H	L	Approx. Wt. (Lbs.)
CG-P093-015	1-1/2	2-1/4	2-5/8	2-1/8	.30
CG-P093-020	2	2-13/16	3-3/16	2-1/8	.63
CG-P093-030	3	3-13/16	4-3/16	2-1/8	.63
CG-P093-040	4	4-13/16	5-1/4	2-1/8	.76
CG-P093-060	6	7	7-7/16	3	.79
CG-P093-080	8	9-1/16	9-1/2	3-13/16	1.35

Maximum clamp torque value 75 in/lbs.

P096 Grooved Coupling - OceanTUFF®

H x Groove



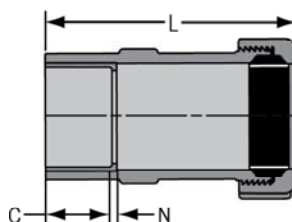
Part Number	Size	L	N	Approx. Wt. (Lbs.)
CG-P096-015C	1-1/2	2- 5/16	1- 1/2	.19
CG-P096-020C	2	3- 1/16	1- 9/16	.29
CG-P096-030C	3	3- 9/16	1-11/16	.72
CG-P096-040C	4	4- 1/2	2- 1/4	1.33
CG-P096-060C	6	5- 3/8	2- 3/8	2.90



Marine & Offshore Technical
OceanTUFF® CPVC Marine Drainage Fittings

**P099 Compression Transition
Coupling - OceanTUFF®**

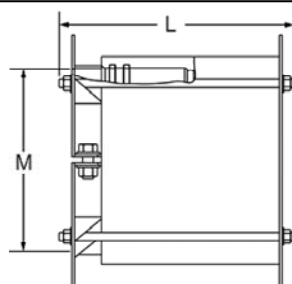
H x Compression



Part Number	Size	C	L	N	Approx. Wt. (Lbs.)
CG-P099-015C	1-1/2	1- 3/8	5- 1/8	3/32	2.14
CG-P099-020C	2	1- 1/2	5- 3/4	1/8	.94
CG-P099-030C	3	1- 7/8	10- 5/16	3/16	2.92
CG-P099-040C	4	2- 1/4	11- 5/32	7/32	3.05
CG-P099-060C	6	3	13- 3/8	9/32	4.18

**P099 Compression Transition
Coupling Bolted- OceanTUFF®**

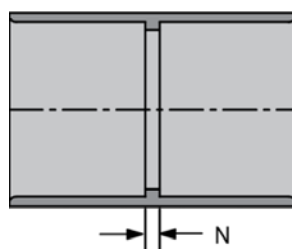
H X Compression



Part Number	Size	L	M	Approx. Wt. (Lbs.)
CG-P099-080C	8	11	8-9/16	39.87

P100 Coupling - OceanTUFF®

H x H



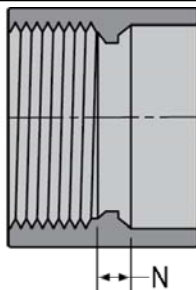
Part Number	Size	N	Approx. Wt. (Lbs.)
CG-P100-015C	1-1/2	1/8	.09
CG-P100-020C	2	1/8	.12
CG-P100-030C	3	1/8	.50
CG-P100-040C	4	1/8	.84
CG-P100-060C	6	1/4	2.27
CG-P100-080C	8	1/4	4.39
CG-P100-100C	10	3/8	7.80
CG-P100-120C	12	3/8	12.29

Marine & Offshore Technical
OceanTUFF® CPVC Marine Drainage Fittings



**P101 Female Adapter -
OceanTUFF®**

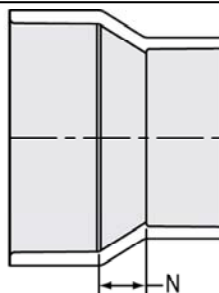
FIPT x H



Part Number	Size	N	Approx. Wt. (Lbs.)
CG-P101-015C	1-1/2	1/4	.11
CG-P101-020C	2	1/4	.14
CG-P101-030C	3	5/16	.46
CG-P101-040C	4	3/8	.90
CG-P101-060C	6	3/8	1.70
CG-P101-080C	8	1/4	5.50

**P102 Increaser-Reducer -
OceanTUFF®**

H x H



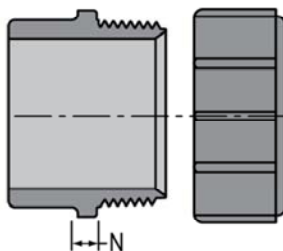
Part Number	Size	N	Approx. Wt. (Lbs.)
CG-P102-251C	2X1-1/2	11/16	.17
CG-P102-337C	3X1-1/2	1- 3/32	.39
CG-P102-338C	3X2	15/16	.41
CG-P102-420C	4X2	1-3/8	.70
CG-P102-422C	4X3	15/16	.77
CG-P102-530C	6X3	2-1/4	2.88
CG-P102-532C	6X4	1- 7/16	2.18
CG-P102-582C	8X4	2-3/8	4.07
CG-P102-585C	8X6	1-3/8	4.26
CG-P102-624C	10X4	3- 3/8	7.72
CG-P102-626C	10X6	2-1/4	7.27
CG-P102-628C	10X8	1-5/16	7.55
CG-P102-666C	12X6	3-1/4	10.94
CG-P102-668C	12X8	2-5/16	10.79
CG-P102-670C	12X10	1-1/4	10.99



Marine & Offshore Technical
OceanTUFF® CPVC Marine Drainage Fittings

P103P Trap Adapter - Male - OceanTUFF®

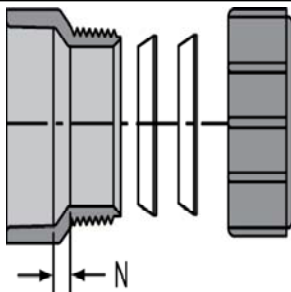
Spig x Slip with Plastic Nut



Part Number	Size	N	Approx. Wt. (Lbs.)
CG-P103P-015C	1-1/2	3/16	.10
CG-P103P-020C	2	3/16	.14

P104R Trap Adapter - Female - OceanTUFF®

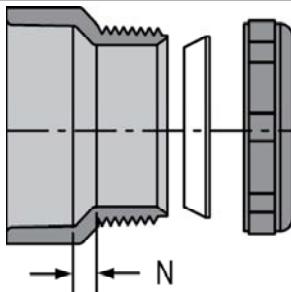
w/1-1/2 Plastic Nut & Washer and 1-1/2x1-1/4 Washer H x Slip w/Plastic Nut



Part Number	Size	N	Approx. Wt. (Lbs.)
CG-P104R-015C	1-1/2	3/16	.13

P104X Trap Adapter - Female - OceanTUFF®

H x Slip w/Chrome Nut & Washer



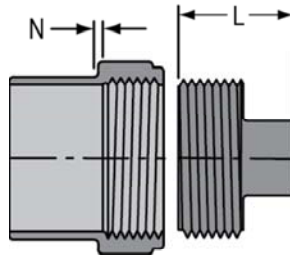
Part Number	Size	N	Approx. Wt. (Lbs.)
CG-P104X-015C	1-1/2	3/16	.14

Marine & Offshore Technical
OceanTUFF® CPVC Marine Drainage Fittings



**P105X Cleanout Adapter with
 Sq Head Plug - OceanTUFF®**

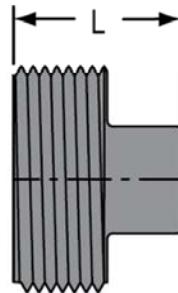
Spig



Part Number	Size	L	N	Approx. Wt. (Lbs.)
CG-P105X-015C	1-1/2	1- 3/8	5/32	.13
CG-P105X-020C	2	1-3/8	5/32	.21
CG-P105X-030C	3	1-3/4	1/4	.62
CG-P105X-040C	4	1- 7/8	1/4	.87
CG-P105X-060C	6	1-15/16	3/8	2.01
CG-P105X-080C	8	2-1/16	5/16	3.89

**P106 Square Head Cleanout
 Plug - OceanTUFF®**

Mpt



Part Number	Size	L	Approx. Wt. (Lbs.)
CG-P106-015C	1-1/2	1- 3/8	.05
CG-P106-020C	2	1-3/8	.07
CG-P106-030C	3	1-3/4	.17
CG-P106-040C	4	1- 7/8	.31
CG-P106-060C	6	1-15/16	.60
CG-P106-080C	8	2- 1/16	.99

**P107 Flush Reducer Bushing -
 OceanTUFF®**

Spig x Hub



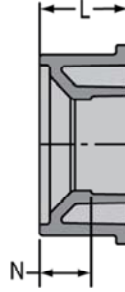
Part Number	Size	L	N	Approx. Wt. (Lbs.)
CG-P107-251C	2X1-1/2	1- 1/16	1/4	.08
CG-P107-337C	3X1-1/2	1- 3/4	1	.80
CG-P107-338C	3X2	1-3/4	1	.32
CG-P107-420C	4X2	2	1-1/8	.67
CG-P107-422C	4X3	2	1/2	.69
CG-P107-530C	6X3	3-3/4	2-1/4	5.00



Marine & Offshore Technical
OceanTUFF® CPVC Marine Drainage Fittings

**P107 Flush Reducer Bushing -
OceanTUFF®**

Spig x Hub



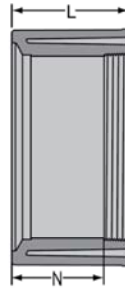
(Continued)

Part Number	Size	L	N	Approx. Wt. (Lbs.)
CG-P107-532C	6X4	3- 7/16	1-3/4	2.12
CG-P107-582C ¹	8X4	4- 9/16	2-13/16	4.29
CG-P107-585C	8X6	4-9/16	1- 9/16	4.60
CG-P107-623C ¹	10X3	6-3/16	4-5/8	14.27
CG-P107-624C ¹	10X4	6	4-1/4	13.81
CG-P107-628C	10X8	5-1/4	1-5/16	11.47
CG-P107-664C ¹	12X4	6-15/16	5-5/32	15.77
CG-P107-666C ¹	12X6	6-7/8	3-7/8	16.08
CG-P107-668C	12X8	6-5/16	2-5/16	11.47
CG-P107-670C	12X10	6-5/16	1-5/16	12.59

¹ Sized with Bushing

**P108 Reducer Bushing -
OceanTUFF®**

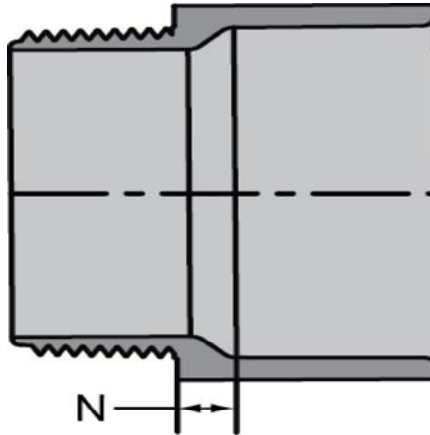
Spig x Fpt



Part Number	Size	L	N	Approx. Wt. (Lbs.)
CG-P108-212C	1-1/2X1-1/4	7/8	3/16	.05

**P109 Male Adapter -
OceanTUFF®**

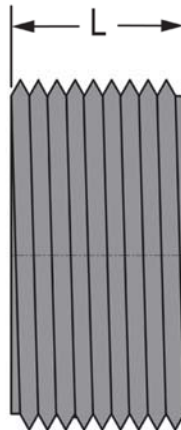
H x Mpt



Part Number	Size	N	Approx. Wt. (Lbs.)
CG-P109-015C	1-1/2	3/16	.08
CG-P109-020C	2	3/16	.12
CG-P109-030C	3	3/8	.40
CG-P109-040C	4	3/8	.59
CG-P109-060C	6	3/8	2.33

**P110 Countersunk Cleanout
Plug - OceanTUFF®**

Mpt



Part Number	Size	L	Approx. Wt. (Lbs.)
CG-P110-015C	1-1/2	5/8	.04
CG-P110-020C	2	5/8	.06
CG-P110-030C	3	3/4	.17
CG-P110-040C	4	7/8	.31
CG-P110-060C	6	31/32	.55



Marine & Offshore Technical
OceanTUFF® CPVC Marine Drainage Fittings

P116 Cap - OceanTUFF®

H



Part Number	Size	L	Approx. Wt. (Lbs.)
CG-P116-015C	1-1/2	15/16	.07
CG-P116-020C	2	1	.35
CG-P116-030C	3	1- 3/4	.37
CG-P116-040C	4	2	.64
CG-P116-060C	6	3- 9/32	1.54
CG-P116-080C	8	6-3/4	4.08
CG-P116-100CF*	10	3-3/4	3.85
CG-P116-120CF*	12	4-1/8	5.83

* Fabricated

P130 Repair Coupling - No Stop - OceanTUFF®

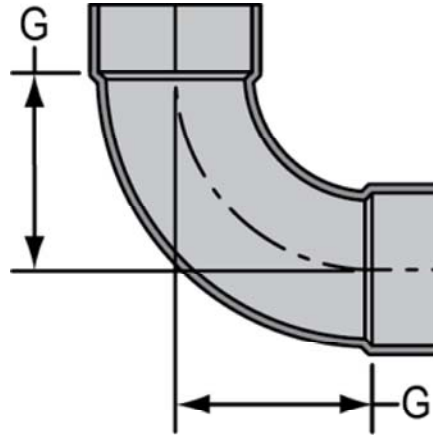
H x H



Part Number	Size	L	Approx. Wt. (Lbs.)
CG-P130-015C	1-1/2	1-1/2	.09
CG-P130-020C	2	1-5/8	.11
CG-P130-030C	3	3-3/16	.47
CG-P130-040C	4	3-3/4	.74
CG-P130-060C	6	6-3/8	2.27
CG-P130-080C	8	8-5/16	4.39
CG-P130-100C	10	10-7/16	7.80

P300 1/4 Bend - OceanTUFF®

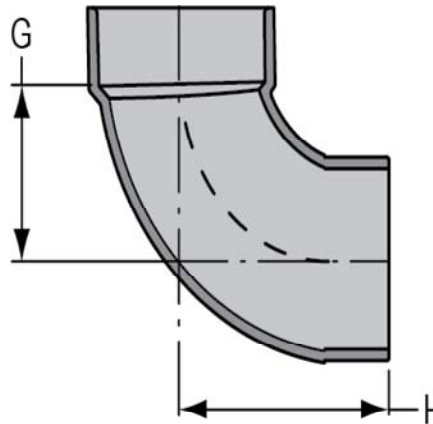
H x H



Part Number	Size	G	Approx. Wt. (Lbs.)
CG-P300-015C	1-1/2	1-3/4	.22
CG-P300-020C	2	2-5/16	.32
CG-P300-030C	3	3-1/16	.99
CG-P300-040C	4	3-7/8	1.77
CG-P300-060C	6	5	4.49
CG-P300-080C	8	6	8.97
CG-P300-100C	10	9-13/16	17.92
CG-P300-120C	12	10-3/4	31.80

P302 1/4 Bend, Street (90° Street Ell) - OceanTUFF®

H x Spig



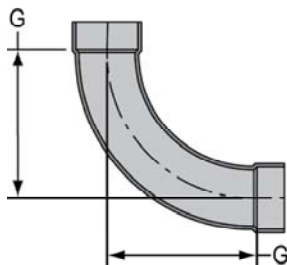
Part Number	Size	G	H	Approx. Wt. (Lbs.)
CG-P302-015C	1-1/2	1-3/4	2-13/32	.20
CG-P302-020C	2	2-5/16	3-1/4	.31
CG-P302-030C	3	3-1/16	4-9/16	1.01
CG-P302-040C	4	3-7/8	5-9/16	1.75
CG-P302-060C	6	5	8-1/4	4.35
CG-P302-080C	8	6	10-3/8	8.97
CG-P302-100C	10	9-13/16	15-5/16	17.26
CG-P302-120C	12	10-13/16	17-1/4	32.03



Marine & Offshore Technical
OceanTUFF® CPVC Marine Drainage Fittings

**P304 1/4 Bend, Long Sweep
 (90° LS Ell) - OceanTUFF®**

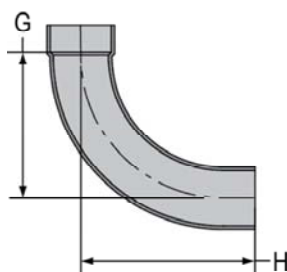
H x H



Part Number	Size	G	Approx. Wt. (Lbs.)
CG-P304-015C	1-1/2	2- 3/4	.29
CG-P304-020C	2	3-1/4	.41
CG-P304-030C	3	4-1/16	1.16
CG-P304-040C	4	4-15/16	2.11
CG-P304-060C	6	9	6.20

**P309 1/4 Bend Long Sweep,
 Street (90° LS Street Ell) -
 OceanTUFF®**

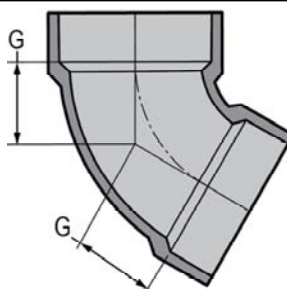
H x Spig



Part Number	Size	G	H	Approx. Wt. (Lbs.)
CG-P309-015C	1-1/2	2- 3/4	3-5/16	.27
CG-P309-020C	2	3-1/4	4	.39
CG-P309-030C	3	4-1/16	5-9/16	1.20
CG-P309-040C	4	4-15/16	6-1/2	2.03
CG-P309-060C	6	9	11-3/4	6.00

**P319 1/6 Bend (60° Ell) -
 OceanTUFF®**

H x H



Part Number	Size	G	Approx. Wt. (Lbs.)
CG-P319-015C	1-1/2	1	.20
CG-P319-020C	2	1-5/16	.30
CG-P319-030C	3	1-11/16	.88
CG-P319-040C	4	2-1/16	1.57
CG-P319-060CF*	6	2-13/16	4.07
CG-P319-120CF*	12	4-15/16	21.67

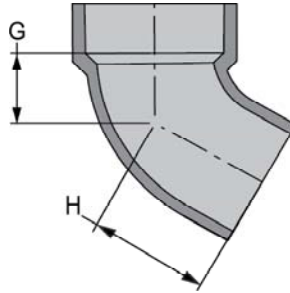
* Fabricated

Marine & Offshore Technical
OceanTUFF® CPVC Marine Drainage Fittings



P320 1/6 Bend, Street (60° Street Ell) - OceanTUFF®

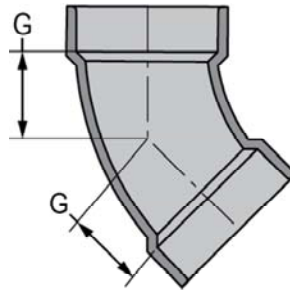
H x Spig



Part Number	Size	G	H	Approx. Wt. (Lbs.)
CG-P320-015C	1-1/2	1	1- 3/4	.19
CG-P320-020C	2	1-5/16	2-1/8	.29
CG-P320-030C	3	1-11/16	3	.81
CG-P320-040C	4	2-1/16	3-1/2	1.37

P321 1/8 Bend (45° Ell) - OceanTUFF®

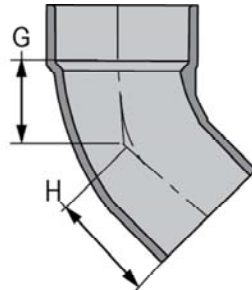
H x H



Part Number	Size	G	Approx. Wt. (Lbs.)
CG-P321-015C	1-1/2	1- 1/8	.18
CG-P321-020C	2	1-1/2	.29
CG-P321-030C	3	1-3/4	.88
CG-P321-040C	4	2-3/16	1.55
CG-P321-060C	6	2	3.45
CG-P321-080C	8	2-1/16	6.04
CG-P321-100C	10	2-5/8	20.08
CG-P321-120C	12	3- 1/8	32.86

P323 1/8 Bend, Street (45° Street Ell) - OceanTUFF®

H x Spig



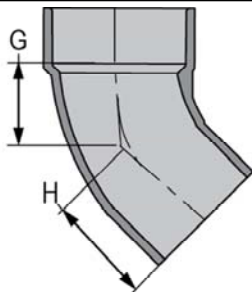
Part Number	Size	G	H	Approx. Wt. (Lbs.)
CG-P323-015C	1-1/2	1-1/8	1-3/4	.17
CG-P323-020C	2	1-1/2	2- 3/16	.28
CG-P323-030C	3	1- 3/4	3- 1/4	.87
CG-P323-040C	4	2- 3/16	3-15/16	1.52
CG-P323-060C	6	2	5	3.17
CG-P323-080C	8	2-1/16	6	6.05



Marine & Offshore Technical
OceanTUFF® CPVC Marine Drainage Fittings

**P323 1/8 Bend, Street (45°
Street Ell) - OceanTUFF®**

H x Spig



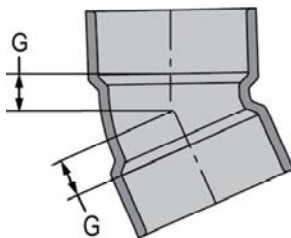
(Continued)

Part Number	Size	G	H	Approx. Wt. (Lbs.)
CG-P323-100C	10	2-5/8	10-5/8	23.92
CG-P323-120CF*	12	3-3/4	13-3/4	24.77

* Fabricated

**P324 1/16 Bend (22-1/2° Ell) -
OceanTUFF®**

H x H

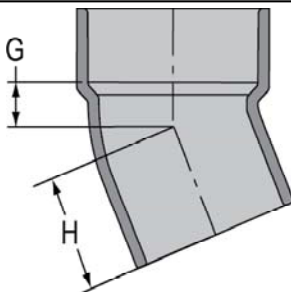


Part Number	Size	G	Approx. Wt. (Lbs.)
CG-P324-015C	1-1/2	1/2	.13
CG-P324-020C	2	11/16	.24
CG-P324-030C	3	13/16	.64
CG-P324-040C	4	1	1.09
CG-P324-060C	6	1-1/2	3.08
CG-P324-080C	8	1-1/2	5.94
CG-P324-100CF*	10	2-1/16	10.68
CG-P324-120CF*	12	2-1/4	17.16

* Fabricated

**P326 1/16 Bend, Street (22-1/2°
Street Ell) - OceanTUFF®**

H x Spig



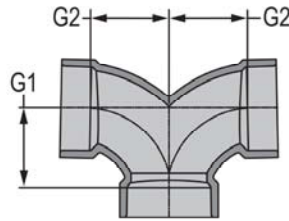
Part Number	Size	G	H	Approx. Wt. (Lbs.)
CG-P326-015C	1-1/2	1/2	1-1/8	.12
CG-P326-020C	2	11/16	1-3/8	.22
CG-P326-030C	3	13/16	2-1/4	.60
CG-P326-040C	4	1	2-1/2	1.07
CG-P326-060C	6	1-1/2	4- 1/2	2.82
CG-P326-080C	8	1-1/2	5-1/2	5.32

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OceanTUFF® CPVC Marine Drainage Fittings



**P327 Double 1/4 Bend (3 Way
 Ell) - OceanTUFF®**

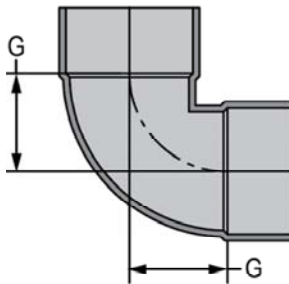
All Hub



Part Number	Size	G1	G2	Approx. Wt. (Lbs.)
CG-P327-015C	1-1/2	1- 3/4	1- 3/4	.31
CG-P327-020C	2	2- 5/16	2- 5/16	.47
CG-P327-030C	3	3- 1/16	3- 1/16	1.54
CG-P327-040C	4	3-7/8	3-7/8	.21

P331 Vent Ell - OceanTUFF®

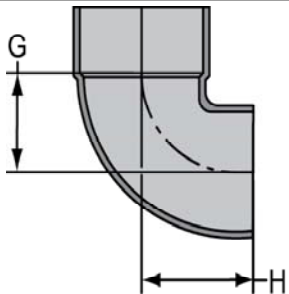
H x H



Part Number	Size	G	Approx. Wt. (Lbs.)
CG-P331-015C	1-1/2	1- 3/16	.22
CG-P331-020C	2	1- 1/2	.33
CG-P331-030C	3	1- 7/8	.83
CG-P331-040C	4	2-1/2	1.71
CG-P331-060C	6	3-1/2	5.05

**P333 Vent Ell, Street -
 OceanTUFF®**

H x Spig



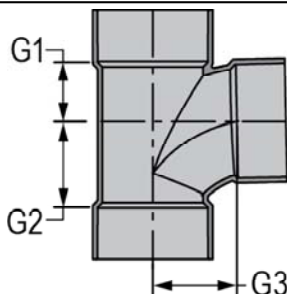
Part Number	Size	G	H	Approx. Wt. (Lbs.)
CG-P333-015C	1-1/2	1- 3/16	1-7/8	.18
CG-P333-020C	2	1- 1/2	2-3/16	.26
CG-P333-030C	3	1- 7/8	3- 5/8	.81
CG-P333-040C	4	2-1/2	4- 7/16	1.39



Marine & Offshore Technical
OceanTUFF® CPVC Marine Drainage Fittings

**P400 Sanitary Tee -
OceanTUFF®**

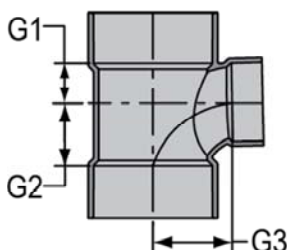
All Hub



Part Number	Size	G1	G2	G3	Approx. Wt. (Lbs.)
CG-P400-015C	1-1/2	1	1-3/4	1-3/4	.29
CG-P400-020C	2	1-3/8	2- 5/16	2- 5/16	.44
CG-P400-030C	3	1-13/16	3-1/16	3-1/16	1.36
CG-P400-040C	4	2-1/4	3-7/8	3-7/8	2.43
CG-P400-060C	6	3-1/2	5	5	5.91
CG-P400-080C	8	4-1/2	6	6	12.24
CG-P400-100C	10	5-1/2	10	10	25.94
CG-P400-120C	12	6-9/16	11	11	41.62

**P401 Sanitary Tee, Reducing -
OceanTUFF®**

All Hub

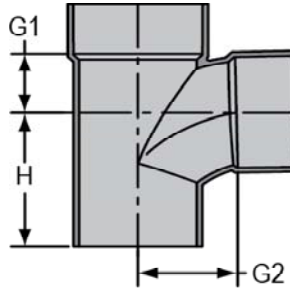


Part Number	Size	G1	G2	G3	Approx. Wt. (Lbs.)
CG-P401-241C	2X1-1/2X1-1/2	1- 3/16	1-15/16	2- 3/16	.37
CG-P401-251C	2X1-1/2	1-3/16	1-15/16	2-3/16	.38
CG-P401-257C	2X1-1/2X2	1- 3/8	2- 5/16	2- 5/16	.43
CG-P401-337C	3X1-1/2	15/16	1- 3/4	2-9/16	.86
CG-P401-338C	3X2	1-3/16	2-1/8	2-7/8	.94
CG-P401-419C	4X1-1/2	1-1/8	2-1/16	3-3/8	1.65
CG-P401-420C	4X2	1-1/8	2-1/16	3-5/16	1.56
CG-P401-422C	4X3	1-3/4	3	3-9/16	2.09
CG-P401-530CF*	6X3	3-1/4	7	9-11/16	6.82
CG-P401-532C	6X4	2-3/16	3-5/8	4-11/16	4.31
CG-P401-578CF*	8X2	3-1/2	6-1/4	8-3/8	10.13
CG-P401-582C	8X4	4-1/2	6	8- 7/8	16.54
CG-P401-585CF*	8X6	3-7/8	11-3/4	12-7/8	17.75
CG-P401-624CF*	10X4	4-5/16	9-5/16	12-1/8	19.80
CG-P401-626CF*	10X6	4-15/16	12-13/16	13-7/8	25.28
CG-P401-628CF*	10X8	5-1/4	15-3/4	16-3/16	32.88
CG-P401-666CF*	12X6	4-7/8	12-5/8	14-7/8	33.50
CG-P401-668CF*	12X8	5	15-1/2	17-1/8	41.04

* Fabricated

P403 Sanitary Tee, Street - OceanTUFF®

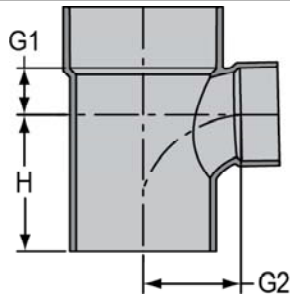
Spigot x H x H



Part Number	Size	G1	G2	H	Approx. Wt. (Lbs.)
CG-P403-015C	1-1/2	1	1-3/4	2- 7/16	.27
CG-P403-020C	2	1-3/8	2-5/16	3-3/16	.43
CG-P403-030C	3	1-13/16	3-1/16	4-1/2	1.38
CG-P403-040C	4	2- 1/4	3- 7/8	5- 5/8	2.62
CG-P403-060C	6	3-1/2	5	7-1/2	5.87
CG-P403-080C	8	4-1/2	6	9-3/8	11.05
CG-P403-100C	10	5-5/8	10	14-5/8	25.19
CG-P403-120C	12	6-1/2	11	16-1/4	37.84

P404 Sanitary Tee, Street, Reducing - OceanTUFF®

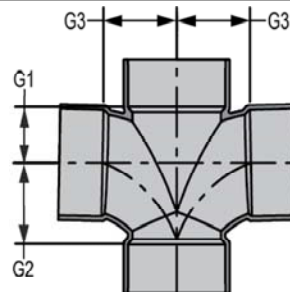
Spigot x H x H



Part Number	Size	G1	G2	H	Approx. Wt. (Lbs.)
CG-P404-241C	2X1-1/2X1-1/2	1-3/16	2-3/16	2-11/16	.35
CG-P404-251C	2X1-1/2	1-3/16	2-3/16	2-11/16	.38
CG-P404-337C	3X1-1/2	15/16	2-9/16	3-9/32	.81
CG-P404-338C	3X2	1-3/16	2-7/8	3-5/8	.94

P428 Double Sanitary Tee - OceanTUFF®

All Hub



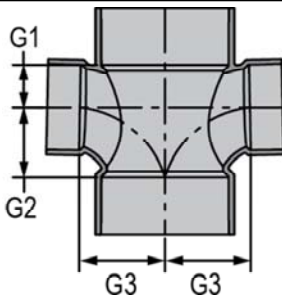
Part Number	Size	G1	G2	G3	Approx. Wt. (Lbs.)
CG-P428-015C	1-1/2	1	1-3/4	1-3/4	.34
CG-P428-020C	2	1-3/8	2-5/16	2-5/16	.52
CG-P428-030C	3	1-13/16	3-1/16	3-1/16	1.66
CG-P428-040C	4	2-1/4	3-7/8	3-7/8	2.90



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OceanTUFF® CPVC Marine Drainage Fittings

P429 Double Sanitary Tee, Reducing - OceanTUFF®

All Hub

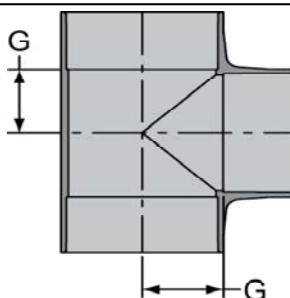


Part Number	Size	G1	G2	G3	Approx. Wt. (Lbs.)
CG-P429-241C	2X1-1/2X1-1/2X1-1/2	1- 3/16	1-15/16	2-3/16	.53
CG-P429-251C	2X2X1-1/2X1-1/2	1-3/16	1-15/16	2-3/16	.44
CG-P429-337C	3X3X1-1/2X1-1/2	15/16	1- 3/4	2-9/16	.88
CG-P429-338C	3X3X2X2	1- 1/8	2- 1/8	2- 7/8	1.04
CG-P429-419C	4X4X1-1/2X1-1/2	1- 1/16	2	3-1/4	1.41
CG-P429-420C	4X4X2X2	1- 1/8	2- 1/16	3-5/16	1.45
CG-P429-422C	4X4X3X3	1- 3/4	3	3-9/16	2.19
CG-P429-532CF*	6X6X4X4	3-5/16	8-7/16	10-3/16	10.57

* Fabricated

P441 Vent Tee - OceanTUFF®

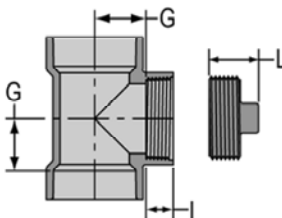
All Hub



Part Number	Size	G	Approx. Wt. (Lbs.)
CG-P441-015C	1-1/2	1-3/16	.25
CG-P441-020C	2	1-1/2	.40
CG-P441-030C	3	1-15/16	1.51
CG-P441-040C	4	2-1/2	2.19
CG-P441-060C	6	3- 5/8	6.33
CG-P441-080C	8	4-1/2	21.58

P444X Cleanout Tee w/Plug - OceanTUFF®

H x H x Fpt



Part Number	Size	G	I	L	Approx. Wt. (Lbs.)
CG-P444X-015C	1-1/2	1- 3/16	5/8	1- 3/8	.29
CG-P444X-020C	2	1- 1/2	5/8	1-3/8	.42
CG-P444X-030C	3	1- 7/8	3/4	1-3/4	1.19

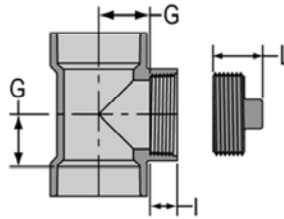
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OceanTUFF® CPVC Marine Drainage Fittings



**P444X Cleanout Tee w/Plug -
OceanTUFF®**

(Continued)

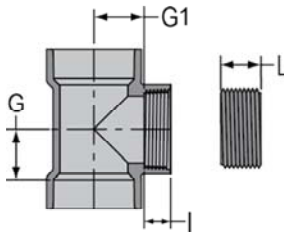
H x H x Fpt



Part Number	Size	G	I	L	Approx. Wt. (Lbs.)
CG-P444X-040C	4	2-1/2	7/8	1- 7/8	2.14
CG-P444X-060C	6	3-1/2	1	2	5.96
CG-P444X-080C	8	4-9/16	1-1/8	2-1/16	20.55

**P445X Cleanout Tee with
Counter Sunk Plug -
OceanTUFF®**

H x H x Fpt

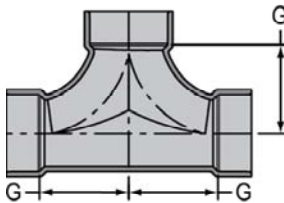


Part Number	Size	G	G1	I	L	Approx. Wt. (Lbs.)
CG-P445X-015C	1-1/2	1-3/16	1-3/16	5/8	5/8	.28
CG-P445X-020C	2	1-1/2	1-1/2	5/8	5/8	.40
CG-P445X-030C	3	1- 7/8	1-7/8	3/4	3/4	1.19
CG-P445X-040C	4	2-1/2	2-1/2	7/8	7/8	2.11
CG-P445X-060C	6	3- 1/2	3-1/2	1	1	5.91
CG-P445X-080CF*	8	7-5/16	4-1/4	1	1-1/2	17.16
CG-P445X-100CF*	10	9	5-3/4	1	1-1/2	28.08
CG-P445X-120CF*	12	9-1/4	7-9/16	1	1-1/2	40.74

* Fabricated

**P448 2-WAY Cleanout -
OceanTUFF®**

All Hub



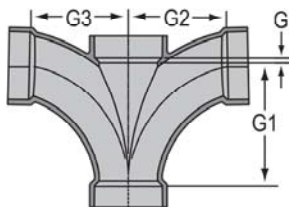
Part Number	Size	G	Approx. Wt. (Lbs.)
CG-P448-030C	3	4-1/16	1.98
CG-P448-040C	4	4-7/8	3.53



Marine & Offshore Technical
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**P500 Double Fixture Fitting -
OceanTUFF®**

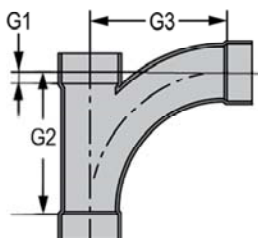
All Hub



Part Number	Size	G	G1	G2	G3	Approx. Wt. (Lbs.)
CG-P500-020C	2	3/8	4-1/4	3-1/2	3-1/2	.76
CG-P500-030C	3	1/2	6-1/4	4-15/16	4-15/16	2.75
CG-P500-241C	2X1-1/2X1-1/2X1-1/2	3/8	3- 1/8	2- 7/8	2- 7/8	.61
CG-P500-251C	2X2X1-1/2X1-1/2	3/8	3- 1/4	2-7/8	2-7/8	.63
CG-P500-338C	3X2X3X3	1/2	6- 9/32	4- 7/8	4- 7/8	2.59

**P501 Combo Wye + 1/8 Bend
(Long Turn Tee Wye) -
OceanTUFF®**

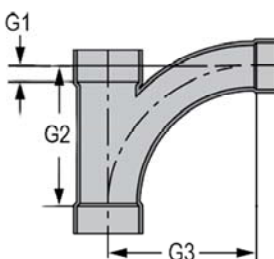
All Hub



Part Number	Size	G1	G2	G3	Approx. Wt. (Lbs.)
CG-P501-015C	1-1/2	7/16	3-15/16	3-15/16	.47
CG-P501-020C	2	11/16	5-1/8	5-1/8	.79
CG-P501-030C	3	1-1/8	7-9/16	7-9/16	2.26
CG-P501-040C	4	1- 1/2	10	10	4.47

**P502 Combination Wye + 1/8
Bend Reducing (Long Turn Tee
Wye) - OceanTUFF®**

All Hub



Part Number	Size	G1	G2	G3	Approx. Wt. (Lbs.)
CG-P502-251C	2X2X1-1/2	7/16	3-15/16	4- 3/16	.57
CG-P502-337C	3X3X1-1/2	7/16	3-15/16	4-13/16	1.07
CG-P502-338C	3X3X2	11/16	5-1/8	5-11/16	1.34
CG-P502-420C	4X4X2	5/8	5-1/8	6-1/8	1.90
CG-P502-422C	4X4X3	1-1/16	7-9/16	8-1/16	3.13
CG-P502-578C	8X8X2	7/8	8-7/8	10	9.45

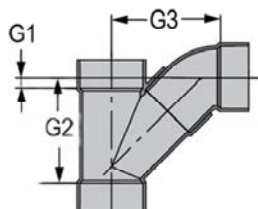
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OceanTUFF® CPVC Marine Drainage Fittings



P503 Combination Wye and 1/8 Bend (Two Piece) -

OceanTUFF®

All Hub

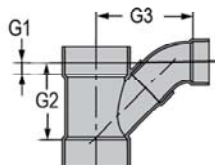


Part Number	Size	G1	G2	G3	Approx. Wt. (Lbs.)
CG-P503-040C	4	7/8	9-3/16	9-1/2	4.71
CG-P503-060C	6	1-1/16	11-3/16	11-1/2	10.23
CG-P503-080C	8	1-3/16	14-7/8	14-5/8	20.94
CG-P503-100C	10	1-1/4	18-5/16	17-7/8	48.12
CG-P503-120C	12	1-11/16	21-9/16	20-15/16	75.13

P504 Combination Wye and 1/8 Bend, Reducing (Two Piece) -

OceanTUFF®

All Hub



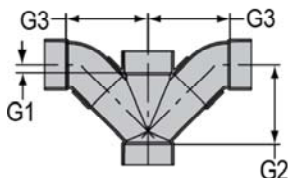
Part Number	Size	G1	G2	G3	Approx. Wt. (Lbs.)
CG-P504-241C	2X1-1/2X1-1/2	1/2	4-1/8	4-7/16	.59
CG-P504-422C	4X4X3	1	7-5/8	8-5/16	3.28
CG-P504-528C	6X2	5/8	7-13/16	9-3/32	5.30
CG-P504-530C	6X3	5/8	7-3/4	9-5/16	5.56
CG-P504-532C	6X4	1-3/8	8-1/4	10-1/4	6.17
CG-P504-580C	8X3	1-1/8	8-13/16	10-9/16	10.06
CG-P504-582C	8X4	1- 1/4	9-1/4	11- 1/8	10.02
CG-P504-585C	8X6	1	10-1/2	12-1/2	14.17
CG-P504-623C	10X3	1-1/4	12-1/16	14-3/32	33.42
CG-P504-624C	10X4	1-7/16	12-1/2	14-11/16	33.38
CG-P504-626C	10X6	15/16	11-3/4	14- 1/16	32.90
CG-P504-628C	10X8	15/16	14-1/2	15- 1/2	42.48
CG-P504-663C	12X3	1-9/32	20-11/16	19-3/16	62.33
CG-P504-664C	12X4	1-11/16	21-1/16	20-1/16	63.19
CG-P504-666C	12X6	1-9/16	20-15/16	19-3/4	64.25
CG-P504-668C	12X8	1-3/16	20-9/16	19-5/16	62.53
CG-P504-670C	12X10	5/8	19-11/16	19-1/2	66.51



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OceanTUFF® CPVC Marine Drainage Fittings

**P507 Double Combination Wye
and 1/8 Bend - OceanTUFF®**

All Hub

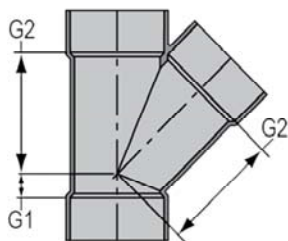


Part Number	Size	G1	G2	G3	Approx. Wt. (Lbs.)
CG-P507-020C	2	9/16	5-7/16	5-5/8	1.10
CG-P507-030C	3	7/8	7-3/8	7-9/16	4.09
CG-P507-040C	4	15/16	9-1/8	9-1/2	6.82
CG-P507-060C	6	1-1/16	11-3/16	11-1/2	15.14
CG-P507-080CF*	8	3/16	19-3/4	16-1/8	37.95
CG-P507-251C	2X2X1-1/2X1-1/2	3/8	4-21/32	4-23/32	.97
CG-P507-338C	3X3X2X2	3/4	5-11/16	6-3/8	1.90
CG-P507-420C	4X4X2X2	7/8	5-7/8	7-1/32	2.48
CG-P507-422C	4X4X3X3	1	7-9/16	8-5/16	4.57
CG-P507-530C	6X6X3X3	1-1/4	8-1/8	9-11/16	20.54
CG-P507-532C	6X6X4X4	1-3/8	8-1/4	10-1/4	8.76
CG-P507-578CF*	8X8X2X2	1-3/8	8-3/8	9-1/4	10.47
CG-P507-582CF*	8X8X4X4	9/16	12-3/16	12-1/4	16.83
CG-P507-585CF*	8X8X6X6	7/16	15-3/16	13-11/16	25.00
CG-P507-624CF*	10X10X4X4	1-1/16	12-9/16	13-1/4	24.02
CG-P507-626CF*	10X10X6X6	1-9/16	16-3/16	14-11/16	34.15
CG-P507-628CF*	10X10X8X8	3/4	20-1/4	17-1/8	46.93
CG-P507-668CF*	12X12X8X8	9/16	19-15/16	18-1/8	54.60
CG-P507-670CF*	12X12X10X10	1/16	23-9/16	20-3/4	95.48

* Fabricated

P600 45° Wye - OceanTUFF®

All Hub



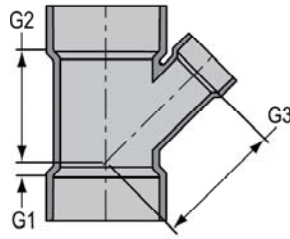
Part Number	Size	G1	G2	Approx. Wt. (Lbs.)
CG-P600-015C	1-1/2	1-1/8	2-7/8	.37
CG-P600-020C	2	1-3/8	3-5/8	.65
CG-P600-030C	3	1- 5/8	5	1.72
CG-P600-040C	4	1- 7/8	6-3/8	3.19
CG-P600-060C	6	1-3/4	8-7/16	7.06
CG-P600-080C	8	2-3/8	11-3/4	14.88
CG-P600-100C	10	2-1/2	13-15/16	28.14
CG-P600-120C	12	3- 3/32	16-1/4	45.00

Marine & Offshore Technical
OceanTUFF® CPVC Marine Drainage Fittings



**P601 45° Wye, Reducing -
OceanTUFF®**

All Hub



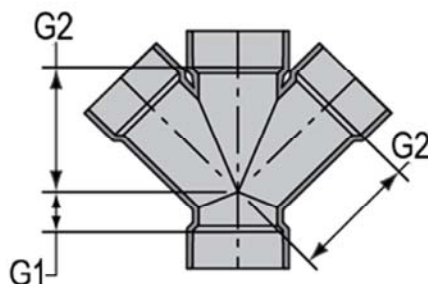
Part Number	Size	G1	G2	G3	Approx. Wt. (Lbs.)
CG-P601-241C	2X1-1/2X1-1/2	3/4	2-13/16	2-15/16	.41
CG-P601-251C	2X2X1-1/2	1-1/16	3-5/16	3-17/32	.48
CG-P601-257C	2X1-1/2X2	1	3-1/2	3-3/8	.48
CG-P601-337C	3X3X1-1/2	1/2	3-3/4	4-5/16	1.09
CG-P601-338C	3X3X2	7/8	4-1/8	4-5/8	1.22
CG-P601-419C	4X4X1-1/2	0	3-3/4	4-1/2	1.71
CG-P601-420C	4X4X2	3/8	4-11/16	5-9/16	1.79
CG-P601-422C	4X4X3	1-1/16	5-9/16	6	2.41
CG-P601-528C	6X6X2	3/8	6-3/4	8- 3/8	5.02
CG-P601-530C	6X6X3	1/4	6-15/16	7-3/8	4.69
CG-P601-532C	6X6X4	1/4	6-11/16	7-7/16	4.65
CG-P601-578C	8X8X2	3/8	7-5/8	9-15/16	9.25
CG-P601-580C	8X8X3	7/16	9- 1/8	7-5/8	9.19
CG-P601-582C	8X8X4	3/8	7-5/8	8-5/8	8.50
CG-P601-585C	8X8X6	1	9- 1/2	9-13/16	11.00
CG-P601-621C	10X10X2	3/16	11	14-1/8	32.10
CG-P601-623C	10X10X3	3/16	10-31/32	14-3/16	32.55
CG-P601-624C	10X10X4	3/16	11	13-11/16	31.86
CG-P601-626C	10X10X6	3/16	11	12	29.73
CG-P601-628C	10X10X8	1-7/16	12-1/2	13	36.43
CG-P601-661C	12X12X2	3-3/16	16- 3/16	22-1/2	69.74
CG-P601-663C	12X12X3	3-3/16	16- 3/16	21-13/16	72.61
CG-P601-664C	12X12X4	3-3/16	16- 3/16	21-5/16	61.67
CG-P601-666C	12X12X6	3-3/16	16- 3/16	20-1/16	61.08
CG-P601-668C	12X12X8	3-3/16	16-3/16	19	56.47
CG-P601-670C	12X12X10	3-3/16	16- 3/16	17-1/2	57.59



Marine & Offshore Technical
OceanTUFF® CPVC Marine Drainage Fittings

**P611 Double Wye -
OceanTUFF®**

All Hub

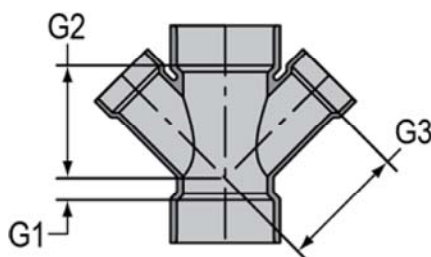


Part Number	Size	G1	G2	Approx. Wt. (Lbs.)
CG-P611-015C	1-1/2	1- 1/8	2-7/8	.49
CG-P611-020C	2	1- 3/8	3-3/8	.54
CG-P611-030C	3	1- 5/8	5	2.35
CG-P611-040C	4	1-7/8	6-3/8	3.87
CG-P611-060C	6	1-3/4	8-7/16	8.79
CG-P611-080CF*	8	5-5/8	14-5/16	28.27
CG-P611-100CF*	10	6-9/16	17-1/4	47.87
CG-P611-120CF*	12	7-5/16	20-1/16	71.35

* Fabricated

**P612 Double Wye, Reducing -
OceanTUFF®**

All Hub



Part Number	Size	G1	G2	G3	Approx. Wt. (Lbs.)
CG-P612-241C	2X1-1/2X1-1/2X1-1/2	1-1/16	3-5/16	3-7/16	.70
CG-P612-251C	2X2X1-1/2X1-1/2	1- 1/16	3- 5/16	3- 7/16	.62
CG-P612-337C	3X3X1-1/2X1-1/2	1/2	3- 3/4	4- 5/16	1.22
CG-P612-338C	3X3X2X2	7/8	4- 1/16	4- 5/8	1.33
CG-P612-420C	4X4X2X2	3/8	4-11/16	5-9/16	1.92
CG-P612-422C	4X4X3X3	1-1/16	5-9/16	6	2.83
CG-P612-530C	6X6X3X3	3/16	6-11/16	7-15/16	7.10
CG-P612-532C	6X6X4X4	3/16	6-11/16	7- 7/16	5.72
CG-P612-580CF*	8X8X3X3	1-5/16	9-15/16	10-7/8	13.13
CG-P612-582CF*	8X8X4X4	2-1/16	10-11/16	11-7/8	14.94
CG-P612-585CF*	8X8X6X6	3-1/2	12-1/8	12-13/16	19.33
CG-P612-624CF*	10X10X4X4	1-7/16	12-3/16	13-5/16	21.83

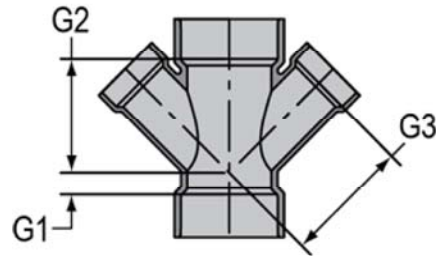
Marine & Offshore Technical
OceanTUFF® CPVC Marine Drainage Fittings



**P612 Double Wye, Reducing -
OceanTUFF®**

(Continued)

All Hub

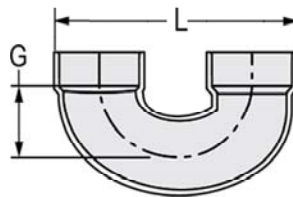


Part Number	Size	G1	G2	G3	Approx. Wt. (Lbs.)
CG-P612-628CF*	10X10X8X8	5-1/8	15-7/8	15-11/16	34.91
CG-P612-664CF*	12X12X4X4	3/8	13-1/8	14-11/16	28.83

* Fabricated

**P700 Return Bend -
OceanTUFF®**

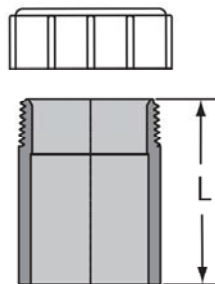
H x H



Part Number	Size	G	L	Approx. Wt. (Lbs.)
CG-P700-015C	1-1/2	1-7/16	5-7/16	.32
CG-P700-020C	2	2- 3/8	7-3/4	.60
CG-P700-030C	3	3	10-3/4	3.56
CG-P700-040C	4	3-3/4	13-3/8	3.27
CG-P700-060C	6	5	20-11/16	17.68
CG-P700-080C	8	6	26	17.95
CG-P700-100C	10	9-13/16	37-3/16	35.19
CG-P700-120C	12	10-3/4	42-7/16	63.84

**P704P Tail Piece Adapter -
OceanTUFF®**

Spig x Slip w/Plastic Nut



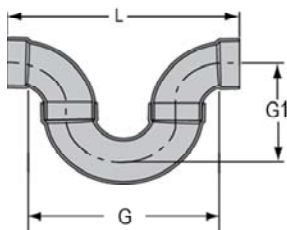
Part Number	Size	L	Approx. Wt. (Lbs.)
CG-P704P-015C	1-1/2	2- 1/2	.17



Marine & Offshore Technical
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**P705R Running Trap -
OceanTUFF®**

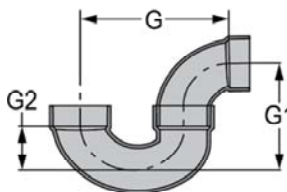
H x H



Part Number	Size	G	G1	L	Approx. Wt. (Lbs.)
CG-P705R-015C	1-1/2	6-7/16	3-13/16	7-7/8	.74
CG-P705R-020C	2	9-5/16	5-9/16	11	1.22
CG-P705R-030C	3	12-7/8	7-9/16	15-7/8	3.79
CG-P705R-040C	4	16	9-5/16	19-1/2	6.79

P706X P-Trap - OceanTUFF®

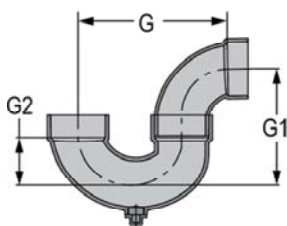
H x H



Part Number	Size	G	G1	G2	Approx. Wt. (Lbs.)
CG-P706X-015C	1-1/2	4-3/8	3-5/8	1-7/16	.50
CG-P706X-020C	2	6-1/2	4-5/8	2-3/8	.86
CG-P706X-030C	3	8-7/8	6-7/8	3	2.64
CG-P706X-040C	4	11	8-3/16	3-3/4	4.78
CG-P706X-060C	6	18-3/8	13-1/4	5	22.03
CG-P706X-080C	8	22-9/16	16-1/2	6	26.93
CG-P706X-100C	10	35-5/16	25-1/4	9-13/16	52.97
CG-P706X-120C	12	39-1/4	28-1/8	10-7/8	95.88

**P707X P-Trap w/Cleanout -
OceanTUFF®**

H x H



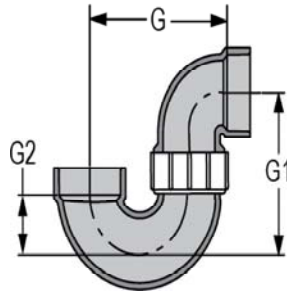
Part Number	Size	G	G1	G2	Approx. Wt. (Lbs.)
CG-P707X-015C	1-1/2	4-3/16	3-13/16	1-3/8	.59

Marine & Offshore Technical
OceanTUFF® CPVC Marine Drainage Fittings



**P708P P-Trap w/Plastic Nut
 (Union Connection) -
 OceanTUFF®**

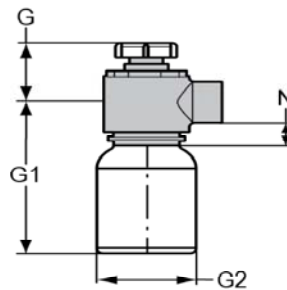
H x H



Part Number	Size	G	G1	G2	Approx. Wt. (Lbs.)
CG-P708P-015C	1-1/2	4-1/2	3-3/4	1-7/16	.54
CG-P708P-020C	2	6-7/16	4- 3/8	2-5/16	.87

**P712P Jar Trap w/Tail Piece
 Adapter - OceanTUFF®**

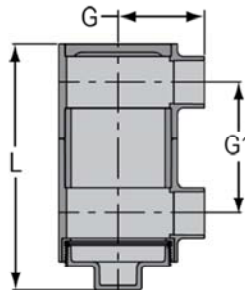
Slip x H
 32 oz. PP Jar



Part Number	Size	G	G1	G2	N	Approx. Wt. (Lbs.)
CG-P712P-015C	1-1/2	3- 3/8	8- 1/4	3- 7/8	1- 3/4	1.62

P720 Drum Trap - OceanTUFF®

H x H



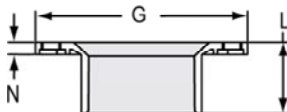
Part Number	Size	G	G1	L	Approx. Wt. (Lbs.)
CG-P720-015C	1-1/2	3- 5/8	5-11/16	10- 5/8	4.81
CG-P720-020C	2	3- 7/8	5	10- 3/8	5.23
CG-P720-030C	3	4- 1/2	6- 3/4	13- 7/16	6.42
CG-P720-040C	4	4- 3/8	8- 1/4	15-11/16	7.02



Marine & Offshore Technical
OceanTUFF® CPVC Marine Drainage Fittings

P815 Flush Closet Flange - OceanTUFF®

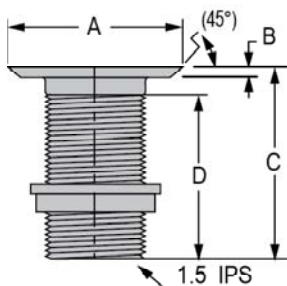
Fits Over 3" Pipe or Inside 4" Pipe



Part Number	Size	G	L	N	Approx. Wt. (Lbs.)
CG-P815-040C	4X4/4X3	7-1/32	2-3/8	15/32	.71

Waste Assembly - OceanTUFF®

Sink Outlet



Part Number	Size	A	B	C	D	Approx. Wt. (Lbs.)
CG-OTWA-1	1-1/2	2-7/16	9/32	4-9/32	3-27/32	.32

OTTP CPVC Tail Piece - OceanTUFF®

May be cut to desired length



Part Number	Size	L	M	M1	Approx. Wt. (Lbs.)
CG-OTTP-015060	1-1/2X6	6	1-1/2	1-3/4	.04
CG-OTTP-015120	1-1/2X12	12	1-1/2	1-3/4	.68
CG-OTTP-015140	1-1/2X14	14	1-1/2	1-3/4	.76

Marine & Offshore Technical
OceanTUFF® CPVC Marine Drainage Fittings



**OTTPN CPVC Tail Piece with
Nut & Gasket - OceanTUFF®**

May be cut to desired length

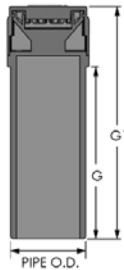


Part Number	Size	L	L1	M	M1	Approx. Wt. (Lbs.)
CG-OTTPN-015060	1-1/2X6	6	6-1/2	1-1/2	2-1/4	.10
CG-OTTPN-015140	1-1/2X14	14	14-1/2	1-1/2	2-1/4	.82
CG-OTTPN-015120	1-1/2X12	12	12-1/2	1-1/2	2-1/4	.74

**Air Admittance Vent With
Diaphragm Seal - OceanTUFF®**

Spigot

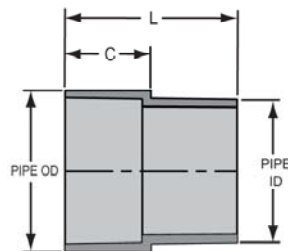
Maximum 6 DFU (Drainage Fixture Units)



Part Number	Size	G	G1	Approx. Wt. (Lbs.)
CG-AADV-015C	1-1/2	4-1/8	5-9/16	.31

Pipe Extenders - OceanTUFF®

Pipe O.D. Spigot x Pipe I.D. Spigot



Part Number	Size	C	L	Approx. Wt. (Lbs.)
CG-S0301-15C	1-1/2	1-1/4	2-1/2	.11
CG-S0301-20C	2	1-1/4	2-7/8	.16
CG-S0301-30C	3	2	4	.51
CG-S0301-40C	4	2-1/8	4-1/4	.75



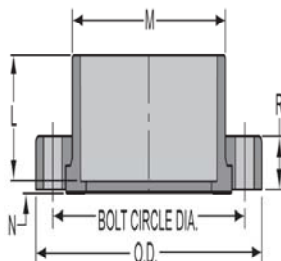
Marine & Offshore Technical
OceanTUFF® CPVC Marine Drainage Fittings

Flange - Vanstone Style -

OceanTUFF®

Hub

150 psi = maximum internal pressure rating @
73°F (23°C)



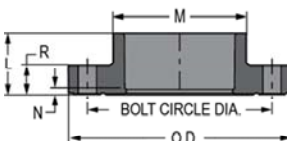
Part Number	Size	L	M	N	O.D.	R	Bolt Circle Dia.	Bolt Size	Min. Bolt Length	No of Bolts	Approx. Wt. (Lbs.)
CG-854-015C	1-1/2	1-1/2	2-7/16	1/8	5	13/16	3-7/8	1/2	2-1/2	4	.59
CG-854-020C	2	1-21/32	2-31/32	1/8	6	7/8	4-3/4	5/8	3	4	.91
CG-854-030C	3	2-1/8	4-1/4	1/4	7-1/2	1-1/8	6	5/8	3-1/4	4	1.78
CG-854-040C	4	2-1/2	5-1/4	9/32	9-3/32	1-3/16	7-1/2	5/8	3-1/2	8	2.83
CG-854-060C	6	3-3/8	7-9/16	5/16	11	1-3/8	9-1/2	3/4	4	8	4.50
CG-854-080C	8	4-13/32	9-5/16	5/16	13-9/16	1-1/2	11-3/4	3/4	4-1/2	8	7.00
CG-854-100C	10	5-23/32	11-3/4	21/32	16-1/16	1-25/32	14-1/4	7/8	5	12	12.12
CG-854-120C	12	6-19/32	13-3/4	5/8	19	1-13/16	17	7/8	5	12	18.28

Flange - One Piece -

OceanTUFF®

Hub

150 psi Maximum Internal Pressure Rating @ 73°
F (23°C)



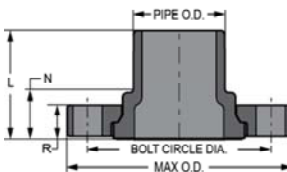
Part Number	Size	L	M	N	O.D.	R	Bolt Circle Dia.	Bolt Size	Min. Bolt Length	No of Bolts	Approx. Wt. (Lbs.)
CG-851-015C	1-1/2	1-21/32	2-1/2	1/4	5-1/32	13/16	3-7/8	1/2	2-1/2	4	.62
CG-851-020C	2	1-23/32	2-7/8	7/32	5-15/16	7/8	4-3/4	5/8	3	4	.95
CG-851-030C	3	2-5/16	4-9/32	7/16	7-9/16	1-3/32	6	5/8	3-1/4	4	1.86
CG-851-040C	4	2-15/32	5-1/4	7/32	9-1/16	1-5/16	7-1/2	5/8	3-1/2	8	2.87
CG-851-060C	6	3-5/16	7-19/32	9/32	10-15/16	1-13/32	9-1/2	3/4	4	8	4.34
CG-851-080C	8	4-21/32	9-3/4	19/32	13-17/32	1-23/32	11-11/16	3/4	4-1/2	8	8.28
CG-851-100C	10	5-15/32	11-13/16	15/32	16	1-3/4	14-1/4	7/8	4	12	13.52
CG-851-120C	12	6-5/8	14	5/8	19	2-1/4	17	7/8	6	12	18.81

Flange - Vanstone Style -

OceanTUFF®

Spigot

150 psi Maximum Internal Pressure Rating @ 73°
F (23°C)



Part Number	Size	L	N	O.D.	R	Bolt Circle Dia.	Bolt Size	No of Bolts	Approx. Wt. (Lbs.)
CG-856-015C	1-1/2	2-5/8	1-9/32	5	13/16	3-7/8	1/2	4	.67
CG-856-020C	2	2-27/32	1-11/32	6	7/8	4-3/4	5/8	4	1.00

Marine & Offshore Technical
OceanTUFF® CPVC Marine Drainage Fittings



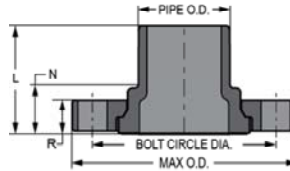
Flange - Vanstone Style -

(Continued)

OceanTUFF®

Spigot

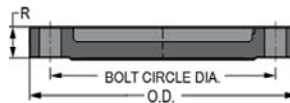
150 psi Maximum Internal Pressure Rating @ 73°
 F (23°C)



Part Number	Size	L	N	O.D.	R	Bolt Circle Dia.	Bolt Size	No of Bolts	Approx. Wt. (Lbs.)
CG-856-030C	3	3-11/32	1-3/8	7-1/2	1-1/8	6	5/8	4	1.94
CG-856-040C	4	3-13/16	1-3/8	9-3/32	1-3/16	7-1/2	5/8	8	3.12
CG-856-060C	6	4-15/16	1-7/8	11-7/32	1-3/8	9-1/2	3/4	8	5.37
CG-856-080C	8	5-15/16	1-7/8	13-9/16	1-15/32	11-3/4	3/4	8	8.16
CG-856-100C	10	8	2-11/32	16	1-25/32	14-1/4	7/8	12	16.45
CG-856-120C	12	8-9/16	2-1/8	19	1-13/16	17	7/8	12	23.64

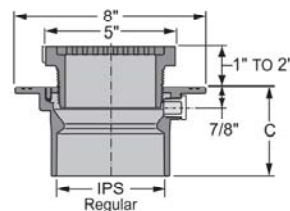
Flange - Blind - OceanTUFF®

150 psi Maximum Internal Pressure Rating @ 73°
 F (23°C)



Part Number	Size	O.D.	R	Bolt Circle Dia.	Bolt Size	Min. Bolt Length	No of Bolts	Approx. Wt. (Lbs.)
CG-853-015C	1-1/2	5-1/16	23/32	3-7/8	1/2	2-1/2	4	.56
CG-853-020C	2	5-31/32	27/32	4-3/4	5/8	3	4	.87
CG-853-030C	3	7-1/2	1-3/16	6	5/8	3-1/4	4	1.87
CG-853-040C	4	9-1/16	1-5/32	7-1/2	5/8	3-1/2	8	2.53
CG-853-060C	6	11-1/4	1-3/8	9-1/2	3/4	4	8	4.44
CG-853-080C	8	13-1/2	1-7/16	11-3/4	3/4	4-1/2	8	7.20
CG-853-100C	10	16	1-11/16	14-1/4	7/8	5	12	11.82
CG-853-120C	12	19	1-11/16	17	7/8	5	12	17.20

**Floor Drain with CPVC
 Adjustable Top w/5" Round
 Grate - OceanTUFF®**

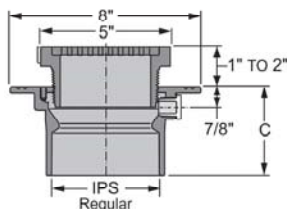


Part Number	Size	C	IPS	Approx. Wt. (Lbs.)
CG-OT1500-015C	1-1/2X5	4-3/16	1-1/2	3.99
CG-OT1500-020C	2X5	4	2	3.90
CG-OT1500-030C	3X5	4	3	3.92
CG-OT1500-040C	4X5	3-3/4	4	3.22



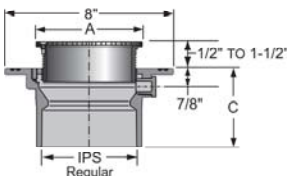
Marine & Offshore Technical
OceanTUFF® CPVC Marine Drainage Fittings

**Floor Drain with CPVC
Adjustable Top w/5" Round
Grate & Membrane Collar -
OceanTUFF®**



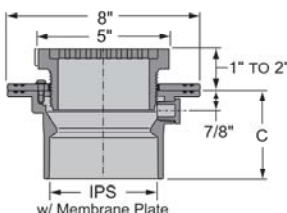
Part Number	Size	C	IPS	Approx. Wt. (Lbs.)
CG-OT150M-015C	1-1/2X5	4-3/16	1-1/2	5.01
CG-OT150M-020C	2X5	4	2	4.92
CG-OT150M-030C	3X5	4	3	4.94
CG-OT150M-040C	4X5	3-3/4	4	4.24

**Floor Drain with Stainless Steel
Adjustable Top w/Round Grate
- OceanTUFF®**



Part Number	Size	A, Nom	C	IPS	Approx. Wt. (Lbs.)
CG-OT1500-015S	1-1/2X5	5	4-3/16	1-1/2	3.70
CG-OT1500-020S	2X5	5	4	2	3.61
CG-OT1500-030S	3X5	5	4	3	3.63
CG-OT1500-040S	4X5	5	3-3/4	4	2.94

**Floor Drain with Stainless Steel
Adjustable Top w/Round Grate
& Membrane Collar -
OceanTUFF®**



Part Number	Size	A, Nom	C	IPS	Approx. Wt. (Lbs.)
CG-OT150M-015S	1-1/2X5	5	4-3/16	1-1/2	4.72
CG-OT150M-020S	2X5	5	4	2	4.63
CG-OT150M-030S	3X5	5	4	3	4.65
CG-OT150M-040S	4X5	5	3-3/4	4	3.96