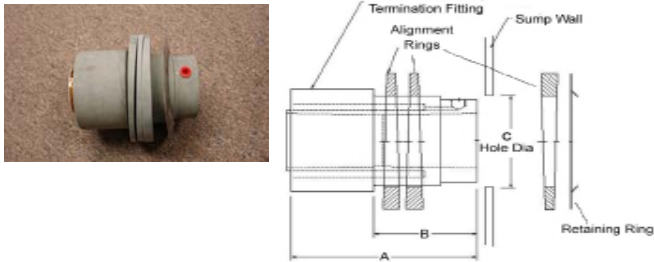


SUMP FITTINGS

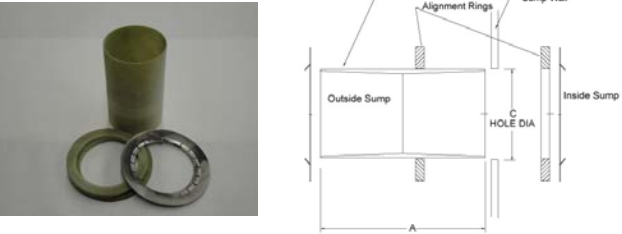
DOUBLE WALL BONDED SUMP ENTRY/TERMINATION FITTING



3" Bonded Fitting	012030-626-0
4" Bonded Fitting	012040-626-0

Nominal Pipe Size (In./mm)	A (In./mm)	B (In./mm)	C (In./mm)
3 (3 x 2)	6 ⁷ / ₈	4	4
80 (80 x 50)	175	102	102
4 (4 x 3)	6 ⁷ / ₈	4	5
100 (100 x 80)	175	102	127

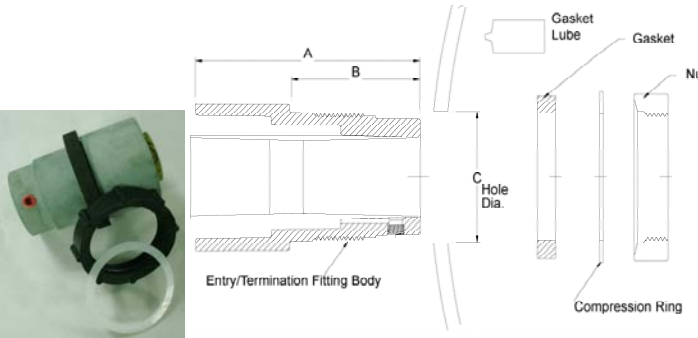
BONDED SUMP ENTRY FITTING



2" Bonded Fitting	012020-622-0
3" Bonded Fitting	012030-622-0
4" Bonded Fitting	012040-622-0
6" Bonded Fitting	012060-622-0

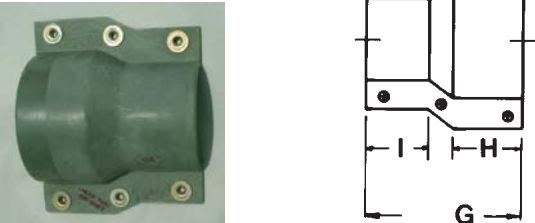
Size In.	A In.	C In.
2"	6	2 ⁹ / ₁₆
3"	6	3 ³ / ₄
4"	6	4 ³ / ₄
6"	6	6 ⁷ / ₈

DOUBLE WALL GASKETED SUMP ENTRY/TERMINATION FITTING



Nominal Pipe Size (In./mm)	A (In./mm)	B (In./mm)	C (In./mm)
3 (3 x 2)	6 ⁷ / ₈	4	4
80 (80 x 50)	175	102	102
4 (4 x 3)	6 ⁷ / ₈	4	5
100 (100 x 80)	175	102	127

CONCENTRIC REDUCER



4" x 3" Concentric Reducer	012040-238-3
5" x 4" Concentric Reducer	012050-238-3
6" x 4" Concentric Reducer	012060-238-3

Nominal Pipe Size (In./mm)	G ± 1/8" (In./mm)	H ± 1/8" (In./mm)	I ± 1/8" (In./mm)
4 x 3	6	2½	2½
100 x 80	152	64	64
5 x 4	7	2½	2½
125 x 100	178	64	64
6 x 4	7	3¼	2 ¾
150 x 100	178	83	70

North America

2425 SW 36th Street
San Antonio, Texas 78237 USA
Phone: 210 434 5043

South America

Avenida Fernando Simoes
Recife, Brazil 51020-390
Phone: 55 31 3326 69020

Europe

P.O. Box 6, 4190 CA
Geldermalsen, The Netherlands
Phone: 31 346 587 587

Asia Pacific

No. 7A, Tuas Avenue 3
Jurong, Singapore 639407
Phone: 65 6861 6118

Middle East

P.O. Box 17324
Dubai, UAE
Phone: 971 4881 3566

www.fgspipe.com • fgspipe@nov.com

2425 SW 36th Street
San Antonio, Texas 78237 USA
Phone: 1 (210) 434-5043
Fax: 1 (210) 434-7543

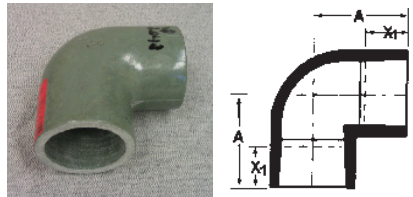
2700 West 65th Street
Little Rock, Arkansas 72209 USA
Phone: 1 (501) 568-4010
Fax: 1 (501) 568-4465

NOV Fiber Glass Systems

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FH1250 September 2012

RED THREAD® IIA PRIMARY FITTINGS

90° ELBOW, Belled Ends



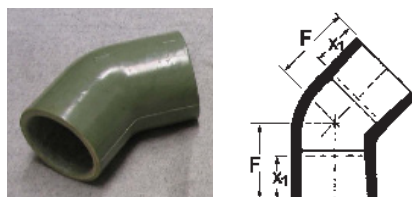
2" 90° Elbow	012020-360-4
3" 90° Elbow	012030-360-4
4" 90° Elbow	012040-360-4

FLANGE, Belled Ends



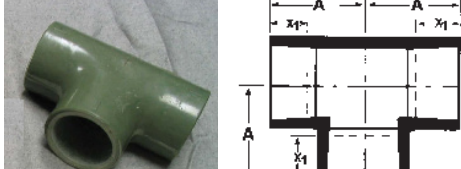
2" Flange	012020-170-4
3" Flange	012030-170-4
4" Flange	012040-170-4

45° ELBOW, Belled Ends



2" 45° Elbow	012020-310-4
3" 45° Elbow	012030-310-4
4" 45° Elbow	012040-310-4

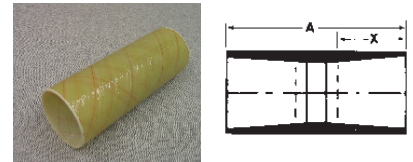
TEE, Belled Ends



2" Tee	012020-410-4
3" Tee	012030-410-4
4" Tee	012040-410-4

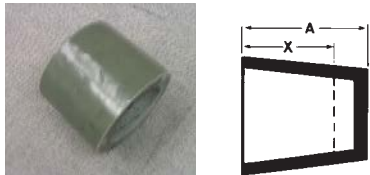
Nominal Pipe Size (In./mm)	A (In./mm)	B (In./mm)	C (In./mm)	D (In./mm)	E (In./mm)	F (In./mm)	O (In./mm)	X ₁ ⁽¹⁾ (In./mm)	X ₂ ⁽¹⁾ (In./mm)
2	3 ³ / ₈	2 ¹ / ₄	³ / ₄	4 ³ / ₄	³ / ₄ D-4 Holes	2 ⁵ / ₈	6	1 ³ / ₈	1 ¹ / ₂
50	86	54	19	121	19 D-4 Holes	67	152	35	38
3	4 ⁵ / ₈	2 ⁵ / ₈	1 ³ / ₈	6	³ / ₄ D-4 Holes	3 ³ / ₄	7 ¹ / ₂	1 ⁵ / ₈	1 ⁷ / ₈
80	117	67	35	152	19 D-4 Holes	95	191	41	48
4	5 ¹ / ₈	2 ⁵ / ₈	1 ³ / ₈	7 ¹ / ₂	³ / ₄ D-4 Holes	3 ⁷ / ₈	9	1 ¹ / ₂	1 ⁷ / ₈
100	130	67	35	191	19 D-4 Holes	98	229	38	48

SLEEVE COUPLING, Belled Ends



2" Sleeve Coupling	012020-101-8
3" Sleeve Coupling	012030-101-8
4" Sleeve Coupling	012040-101-4

END CAP



2" End Cap	012020-180-4
3" End Cap	012030-180-4
4" End Cap	012040-180-4

Nominal Pipe Size (In./mm)	Sleeve Coupling		End Cap		Nipple (Overall Length "A")				
	A (In./mm)	X ₁ ⁽¹⁾ (In./mm)	A (In./mm)	X ₁ ⁽¹⁾ (In./mm)	4" 101.6mm	6" 152.4mm	8" 203.2mm	10" 254.0mm	12" 304.8mm
2	6	2 ¹ / ₈	2 ³ / ₄	1 ³ / ₈	†	†	†	†	†
50	152	54	70	41	–	†	†	†	†
3	6	2 ³ / ₈	3¼	1¾	–	†	†	†	†
80	152	60	83	44	–	†	†	†	†
4	7	2 ⁷ / ₈	3¾	1 ⁵ / ₈	–	†	†	†	†
100	178	73	95	41	–	†	†	†	†

⁽¹⁾X dimension is a nominal makeup dimension for layout only. Do not use for assembly dimensions.

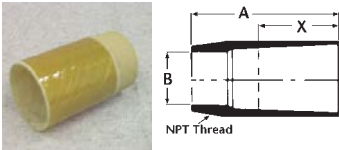
† Available from stock

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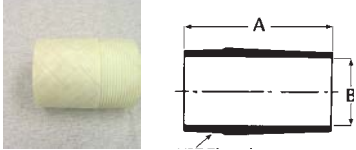
THREADED ADAPTERS⁽²⁾ - NPT THREAD

Bell x Male



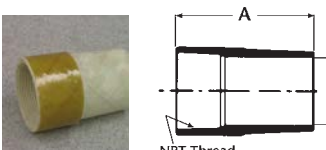
2" BxM	012020-191-4
3" BxM	012030-191-4
4" BxM	012040-191-4

Spigot x Male



2" SxM	012020-192-4
3" SxM	012030-192-4
4" SxM	012040-192-4

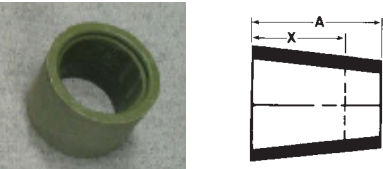
Spigot x Female



2" SxF	012020-195-4
3" SxF	012030-195-4
4" SxF	012040-195-4

Nominal Pipe Size (In./mm)	Bell x Male			Spigot x Male		Bell x Female		Spigot x Female	
	A (In./mm)	B (In./mm)	X ⁽¹⁾ (In./mm)	A (In./mm)	B (In./mm)	A (In./mm)	X ⁽¹⁾ (In./mm)	A (In./mm)	B (In./mm)
2	4¼	2	1⅜	3⅝	2	3½	1⅜	3⅞	2⅞
50	108	51	35	92	51	89	35	98	54
3	5½	3	1⅝	4⅝	3	4½	1⅝	4¾	3⅞
80	140	76	41	117	76	114	41	121	79
4	5½	4	1½	4⅞	4	4½	1½	4⅞	4⅞
100	140	102	38	124	102	114	38	124	105

REDUCER BUSHING



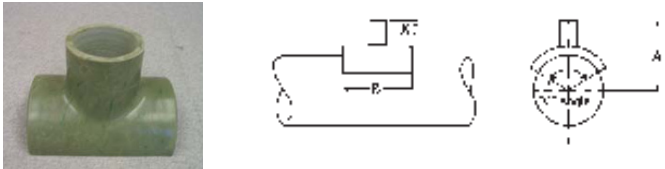
2" x 1" Female NPT	012020-233-4
2" x 1¼" Female NPT	012020-232-4
2" x 1½" Female NPT	012020-231-4
3" x 2" Red. Bushing	012030-231-4
4" x 3" Red. Bushing	012040-231-4

Nominal Pipe Size (In./mm)	A (In./mm)	X ⁽¹⁾ (In./mm)
2 x 1	1¾	*
50 x 25	44	*
2 x 1¼	2	*
50 x 32	51	*
2 x 1½	1¾	*
50 x 40	44	*
3 x 2	2¼	1½
80 x 50	57	38
4 x 3	2⅔	17/8
100 x 80	60	48

⁽¹⁾ X dimension is a nominal makeup dimension for drawing layout only. Do not use for assembly dimensions.

* Also available with British Standard Threads. Specify when ordering.

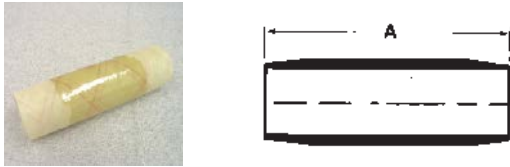
SADDLE



2" x 1½" Female NPT	012020-516-4
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Nominal Pipe Size (In./mm)	A (In./mm)	B (In./mm)	X ⁽¹⁾ (In./mm)
2 x 1½	27/8	4	1
50 x 40	73	102	35

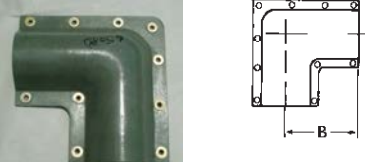
NIPPLE



2" x 4"	012020-004-5	3" x 6"	012030-006-5
2" x 6"	012020-006-5	3" x 8"	012030-008-5
2" x 8"	012020-008-5	3" x 10"	012030-010-5
2" x 10"	012020-010-5	3" x 12"	012030-012-5
2" x 12"	012020-012-5	4" x 6"	012040-006-4
		4" x 8"	012040-008-4
		4" x 10"	012040-010-4
		4" x 12"	012040-012-4

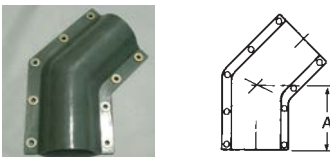
SECONDARY CONTAINMENT FITTINGS

90° ELBOW



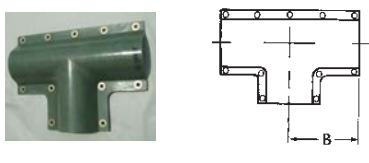
3" 90° SC Elbow	012030-360-3
4" 90° SC Elbow	012040-360-3
6" 90° SC Elbow	012060-360-9

45° ELBOW



3" 45° SC Elbow	012030-310-3
4" 45° SC Elbow	012040-310-3
6" 45° SC Elbow	012060-310-9

TEE



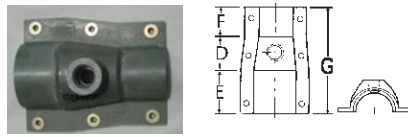
3" SC Tee	012030-410-3
4" SC Tee	012040-410-3
6" SC Tee	012060-410-9

SLEEVE COUPLING



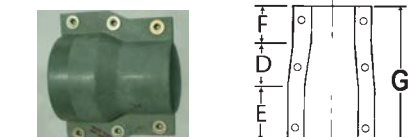
3" SC Sleeve Coupling	012030-101-3
4" SC Sleeve Coupling	012040-101-3
6" SC Sleeve Coupling	012060-101-9

TERMINATION FITTING With NPT TAP



3" x 2" WITH ¾ NPT Tap	012030-236-3
4" x 3" WITH ¾ NPT Tap	012040-236-3
6" x 4" WITH ¾ NPT Tap	012060-234-7

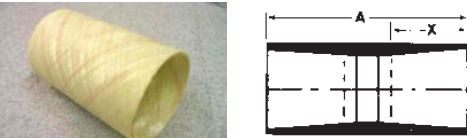
TERMINATION FITTING Without TAP



3" x 2" Without Tap	012030-235-3
4" x 3" Without Tap	012040-235-3
6" x 4" Without Tap	012060-235-9

Nominal Pipe Size (In./mm)	A ± 1/8" (In./mm)	B ± 1/8" (In./mm)	C ± 1/8" (In./mm)	D ± 1/8" (In./mm)	E ± 1/8" (In./mm)	F ± 1/8" (In./mm)	G ± 1/8" (In./mm)
3	6	7	14	3	2½	2½	8
80	152	178	356	76	64	64	203
4	7½	8	14	3	3	2½	8½
100	191	203	356	76	76	64	216
6	8	9	16	4	4	3	11
150	203	229	406	102	102	76	279

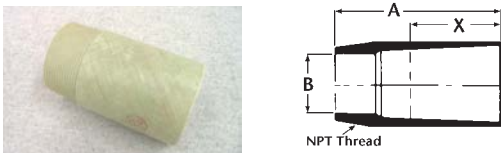
SLEEVE COUPLING, One-piece, scarfed O.D.



2" SC Sleeve Coupling	012020-101-9
3" SC Sleeve Coupling	012030-101-9
4" SC Sleeve Coupling	012040-101-9

Nominal Pipe Size (In./mm)	A (In./mm)	X ⁽¹⁾ (In./mm)
2	5	2½
50	127	54
3	6	2½
80	152	60
4	6	2½
100	152	73

THREADED ADAPTER, Bell x Male, Scarfed O.D.



2" B x M Threaded Adapter	002020-191-7
3" B x M Threaded Adapter	002030-191-7
4" B x M Threaded Adapter	002040-191-7

Nominal Pipe Size (In./mm)	A (In./mm)	B (In./mm)	X ⁽¹⁾ (In./mm)
2	4¼	2	1¾
50	108	51	35
3	5½	3	1¾
80	140	76	41
4	5½	4	1½
100	140	102	38

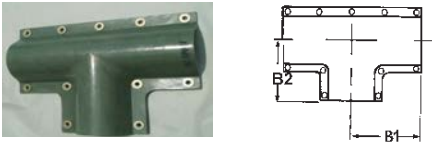
⁽¹⁾ X dimension is a nominal makeup dimension for drawing layout only. Do not use for assembly dimensions.

CROSSOVER 45° ELBOW



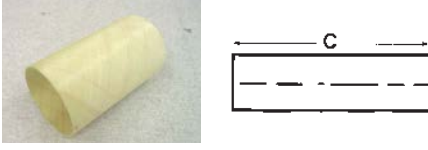
3" 45° SC Crossover	012030-311-3
4" 45° SC Crossover	012040-311-3

CROSSOVER TEE



3" SC Crossover Tee	012030-411-3
4" SC Crossover Tee	012040-411-3

CROSSOVER NIPPLE, Scarfed both ends



3" x 6" Crossover Nipple	012030-006-7
4" x 6" Crossover Nipple	012040-006-7
6" x 8" Crossover Nipple	012060-008-7

Nominal Pipe Size (In./mm)	Crossover 45		Crossover Tee		Crossover Nipples (Overall Length "C")	
	A1 (In./mm)	A2 (In./mm)	B1 (In./mm)	B2 (In./mm)	6" 152.4 mm	8" 203.2 mm
3	6	4¾	7	5½	†	-
80	152	121	178	140	†	-
4	7½	5½	8	6⅜	†	-
100	191	140	203	162	†	-
6	-	-	-	-	-	†
150	-	-	-	-	-	†

† Available from stock.

REDUCER BUSHING, Scarfed O.D.



3" x 2" Reducer Bushing	012030-231-7
4" x 3" Reducer Bushing	012040-231-7

Nominal Pipe Size (In./mm)	A (In./mm)	X ⁽¹⁾ (In./mm)
3 x 2	2¼	1½
80 x 50	57	38
4 x 3	2⅔	17/8
100 x 80	60	48

CENTRALIZER

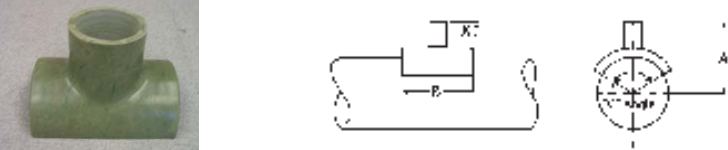


2" x 3" Centralizer	013020-650-3
3" x 4" Centralizer	013030-651-4
4" x 6" Centralizer	013040-650-6

* NPT threads.

⁽¹⁾ X dimension is a nominal makeup dimension for drawing layout only. Do not use for assembly dimensions.

SADDLE



BELLED OUTLET		FEMALE NPT OUTLET	
3" x 2" Saddle	012030-521-4	3" x 1" Saddle	012030-511-4
4" x 2" Saddle	012040-521-4	3" x 1¼" Saddle	012030-512-4
4" x 3" Saddle	012040-531-4	3" x 1½" Saddle	012030-516-4
		4" x 1" Saddle	012040-511-4
		4" x 1¼" Saddle	012040-512-4
		4" x 1½" Saddle	012040-516-4

Nominal Pipe Size (In./mm)	A (In./mm)	B (In./mm)	X ⁽¹⁾ (In./mm)
3 x 2	4	6	1⅜
80 x 50	102	152	35
4 x 2	4½	6	1⅜
100 x 50	114	152	35
4 x 3	5¼	6	1⅝
100 x 80	133	152	41
3 x 1	3½	6	*
80 x 25	89	152	*
3 x 1¼	3½	6	*
80 x 32	89	152	*
3 x 1½	3½	6	*
80 x 38	89	152	*
4 x 1	4	6	*
100 x 25	102	152	*
4 x 1¼	4	6	*
100 x 30	102	152	*
4 x 1½	4	6	*
100 x 40	102	152	*