GROOVED REDUCING TEES
Model 303



Pipe Material
• Carbon steel, Schedule 10, Schedule 40.
For use with alternative materials and wall thicknesses please contact ARGCO.

Maximum Working Pressure
• Up to 300 psi/20 bar

Function
• Joins carbon steel pipe.
• Provides a rigid pipe joint designed to restrict axial or angular movement.

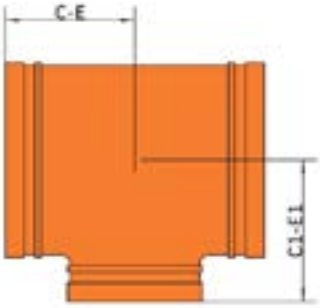
CERTIFICATIONS/LISTINGS
Underwriters Laboratories, Underwriters Laboratories Canada, Factory Mutual.

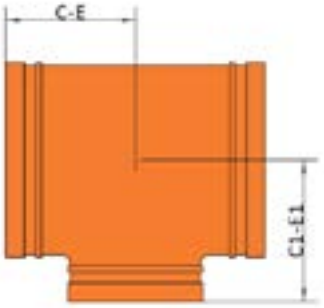
SPECIFICATIONS - MATERIAL
Housing Sections: Ductile Iron conforming to ASTM A 536, Grade 65-45-12.

Housing Coating:
Standard: Orange Enamel
Available: Hot Dipped Galvanized

System No.		Location		Spec Section		Paragraph	
Submitted By		Date		Approved		Date	

GROOVED REDUCING TEES
Model 303





Item #	Nominal Size in/mm	Pipe O.D. in/mm	Max Working Pressure psi/Bar	Dimensions C1-E1 inches mm	Dimensions C-E inches mm
7010500	2 x 1-1/4	2.375 X 1.669	300	2.76	2.76
	50 x 32	60.3 x 42.4	20	70	70
7010501	2 x 1-1/2	2.375 x 1.9	300	2.76	2.76
	50 x 40	60.3 x 48.3	20	70	70
7010502	2-1/2 x 1-1/4	2.875 x 1.669	300	2.99	2.99
	65 x 32	73 x 42.4	20	76	76
7010503	2-1/2 x1-1/2	2.875 x 1.9	300	2.99	2.99
	65 x 40	73 x 48.3	20	76	76
7010504	2-1/2 x 2	2.875 x 2.375	300	2.99	2.99
	65 x 50	73 x 60.3	20	76	76
7010505	3 x 1-1/4	3.5 x 1.669	300	3.39	3.39
	80 x 32	88.9 x 42.4	20	86	86
7010506	3 x 1-1/2	3.5 x 1.9	300	3.39	3.39
	80 x 40	88.9 x 48.3	20	86	86
7010507	3 x 2	3.5 x 2.375	300	3.39	3.39
	80 x 50	88.9 x 60.3	20	86	86
7010508	3 x 2-1/2	3.5 x 2.875	300	3.39	3.39
	80 x 65	88.9 x 73	20	86	86
7010509	4 x 1-1/4	4.5 x 1.669	300	3.54	3.86
	100 x 32	114.3 x 42.4	20	90	98*
7010510	4 x 1-1/2	4.5 x 1.9	300	3.54	3.86
	100 x 40	114.3 x 48.3	20	90	98*
7010511	4 x 2	4.5 x 2.375	300	4.02	4.02
	100 x 50	114.3 x 60.3	20	102	102
7010512	4 x 2-1/2	4.5 x 2.875	300	4.02	4.02
	100 x 65	114.3 x 73	20	102	102
7010513	4 x 3	4.5 x 3.5	300	4.02	4.02
	100 x 80	114.3 x 88.9	20	102	102
7010514	5 x 2	5.5 x 2.375	300	4.13	4.13
	125 x 50	139.7 x 60.3	20	105	105
7010515	5 x 2-1/2	5.5 x 3	300	4.13	4.13
	125 x 65	139.7 x 76.1	20	105	105
7010518	5 x 3	5.5 x 3.5	300	4.13	4.13
	125 x 80	139.7 x 88.9	20	105	105
7010519	5 x 4	5.5 x 4.25	300	4.13	4.13
	125 x 100	139.7 x 108	20	105	105

Item #	Nominal Size in/mm	Pipe O.D. in/mm	Max Working Pressure psi/Bar	Dimensions C1-E1 inches mm	Dimensions C-E inches mm
7010520	6 x 2	6.50 x 2.375	300	5.51	5.51
	150 x 50	168.3 x 60.3	20	130	130
7010523	6 x 2-1/2	6.50 x 3	300	5.51	5.51
	150 x 65	168.3 x 60.3	20	100	120*
7010524	6 x 3	6.50 x 4.50	300	5.51	5.51
	150 x 80	168.3 x 88.9	20	110	120*
7010525	6 x 4	6.50 x 4.50	300	5.51	5.51
	150 x 100	168.3 x 114.3	20	110	120*
7010526	6 x 5	6..50 x 5.5	300	5.51	5.51
	150 x 125	168.3 x 139.7	20	130	130
7010527	8 x 3	8.625 x 3.50	300	6.85	6.85
	200 x 80	219.1 x 88.9	20	174	174
7010528	8 x 4	8.625 x 4.50	300	6.85	6.85
	200 x 100	219.1 x 114.3	20	174	174
7010529	8 x 5	8.625 x 5.50	300	6.85	6.85
	200 x 125	219.1 x 139.7	20	174	174
7010534	8 x 6	8.625 x 6.25	300	6.85	6.85
	200 x 150	219.1 x 159	20	174	174
7010537	10 x 4	10.75 x 4.50	300	7.48	7.48
	250 x 100	273 x 114.3	20	190	190
7010538	10 x 6	70.75 x 6.25	300	7.48	7.48
	250 x 150	273 x 159	20	190	190
7010539	10 x 8	10.75 x 8.625	300	7.48	7.48
	250 x 200	273 x 8.625	20	190	190
7010540	12 x 4	12.75 x 4.50	300	8.66	8.66
	300 x100	323.9 x 114.3	20	220	220
7010541	12 x 8	12.75 x 8.625	300	8.66	8.66
	300 x 200	323.9 x 219.1	20	220	220
7010542	12 x 10	12.75 x 10.75	300	8.66	8.66
	300 x 250	323.9 x 273	20	220	220

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ONLINE CERTIFICATIONS DIRECTORY

VIZA.EX26460
Fittings, Grooved and Plain End

Page Bottom

Fittings, Grooved and Plain End

See General Information for Fittings, Grooved and Plain End

ALLIED RUBBER & GASKET CO INC, DBA ARGCO EX26460
5400 S 66th St
Fort Smith, AR 72903 USA

The following fittings are intended for use with Allied Rubber & Gasket Co Inc, DBA ARGCO (EX26459) Listed rubber gasketed fittings.

Grooved end

011	Reducing tee	2x1-1/4, 1-1/2; 2-1/2x1-1/4, 1-1/2, 2; 3ODx1-1/4, 1-1/2, 2; 3x1-1/4, 1-1/2; 3x2, 2-1/2, 3OD; 4x1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3; 5-1/4ODx1-1/4, 1-1/2; 5-1/4x2-1/2OD; 5-1/4ODx2, 2-1/2; 5-1/4ODx3OD; 5-1/4ODx3; 5-1/4ODx4; 5x1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3; 5x4, 1-1/4, 1-1/2; 6-1/4ODx1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3, 4-1/4OD, 4, 5-1/4OD, 5; 6-1/2ODx 2, 2-1/2, 3OD, 3, 4-1/4OD, 4, 5-1/4OD, 5; 6x1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3, 4, 5-1/4OD, 5; 8x1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3, 4, 5-1/4OD, 5, 6-1/4OD, 6-1/2OD, 6	300
011L	Reducing tee(G)	10x4, 5-1/4OD, 5-1/2OD, 5, 6-1/4OD, 6-1/2OD, 6, 8; 12 x 4, 5-1/4OD, 5-1/2OD, 5, 6-1/4OD, 6-1/2OD, 6, 8, 10	300
012	Reducing tee, threaded	1-1/4x1/2, 3/4, 1; 1-1/2x1/2, 3/4, 1, 1-1/4; 2x1/2, 3/4, 1, 1-1/4, 1-1/2; 2-1/2x1/2, 3/4, 1, 1-1/4, 1-1/2, 2; 3ODx1/2, 3/4, 1, 1-1/4 1-1/2, 2; 3x1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD; 4x1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3; 5-1/4ODx1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3; 5x1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3; 6-1/4ODx1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3; 6-1/2ODx1/2, 3/4, 1/2, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3; 6x1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3; 8x1/2, 3/4, 1, 1-1/4, 1-1/2; 8x2; 8x2-1/2, 3OD, 3	300
015	Flange adaptor nipple	1-1/4, 1-1/2, 2, 2-1/2, 3OD, 3, 4, 5-1/4OD, 5, 6-1/4OD, 6-1/2OD, 6, 8, 10, 12	300

		6 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3 8 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4		
009	Concentric Reducer (Threaded Small End)	45 x 33, 42 mm 57 x 21, 27, 33, 42, 48 mm 76 x 21, 27, 33, 42, 48, 60 mm 89 x 76 mm 108 x 21, 27, 33, 42, 48, 60, 73, 76, 89 mm 114 x 76 mm 133 x 21, 27, 33, 42, 48, 60, 73, 76, 89 mm 140 x 21, 27, 33, 42, 48, 60, 73, 76, 89 mm 159 x 21, 27, 33, 42, 48, 60, 73, 76, 89 mm 165 x 21, 27, 33, 42, 48, 60, 73, 76, 89 mm 168 x 76 mm 219 x 76, 140 mm	300 (2070)	a, b
011	Reducing Branch Tee Grooved	1-1/2 x 1-1/4 2 x 1-1/4, 1-1/2 2-1/2 x 1-1/4, 1-1/2, 2 3 x 1-1/4, 1-1/2, 2, 2-1/2 4 x 1-1/4, 1-1/2, 2, 2-1/2, 3 5 x 1-1/4, 1-1/2, 2, 2-1/2, 3, 4 6 x 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5 8 x 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6 10 x 4, 6, 8 12 x 4, 6, 8, 10	300 (2070)	–
011	Reducing Branch Tee Grooved	57 x 42, 48 mm 73 x 57 mm 76 x 42, 48, 57, 60 mm 89 x 57, 76 mm 100 x 42, 48, 57, 60, 73, 76, 89 mm 114 x 57, 76 mm 133 x 42, 48, 57, 60, 73, 76, 89, 108, 114 mm 140 x 42, 48, 57, 60, 73, 76, 89, 108, 114 mm 141 x 76 mm 159 x 42, 48, 57, 60, 73, 76, 89, 108, 114, 133, 140 mm 165 x 42, 48, 57, 60, 73, 76, 89, 108, 114, 133, 140 mm 168 x 57, 76, 108, 133, 140 mm 219 x 57, 76, 100, 133, 140, 159, 165 mm 273 x 133, 140, 159, 165 mm	300 (2070)	–

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		324 x 133, 140, 150, 165 mm		
011L	Reducing Branch Tee Grooved	1-1/2 x 1-1/4 2 x 1-1/4, 1-1/2 2-1/2 x 1-1/4, 1-1/2, 2 3 x 1 -1/4, 1-1/2, 2, 2-1/2 4 x 1-1/4, 1-1/2, 2, 2-1/2, 3 5 x 1-1/4, 1-1/2, 2, 2-1/2, 3, 4 6 x 1-1/4, 1-1/2, 2, 2-1/2, 3, 4 8 x 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 6 10 x 4, 6, 8 12 x 4, 6, 8, 10	300 (2070)	–
011L	Reducing Branch Tee Grooved	57 x 42, 48 mm 73 x 57 mm 76 x 42, 48, 57, 60 mm 89 x 57, 76 mm 108 x 42, 48, 57, 60, 73, 76, 89 mm 114 x 57, 76 mm 133 x 42, 48, 57, 60, 73, 76, 89, 108, 114 mm 140 x 42, 48, 57, 60, 73, 76, 89, 108, 114 mm 141 x 76 mm 159 x 42, 48, 57, 60, 73, 76, 89, 108, 114, 133, 140 mm 165 x 42, 48, 57, 60, 73, 76, 89, 108, 114, 133, 140 mm 168 x 57, 76, 108, 133, 140 mm 219 x 57, 76, 108, 133, 140, 159, 165 mm 273 x 133, 140, 159, 165 mm 324 x 133, 140, 159, 165 mm	300 (2070)	–
012	Reducing Threaded Outlet Tee	1-1/4 x 1/2, 3/4, 1 1-1/2 x 1/2, 3/4, 1, 1-1/4 2 x 1/2, 3/4, 1, 1-1/4, 1-1/2 2-1/2 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2 3 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2 5 x 1, 1 1/4, 1 1/2, 2, 2-1/2, 3 4 x-1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3 6 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3 8 x 1/2, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3	300 (2070)	a, b

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