



**TECHNICAL DATA**

**GROOVED FITTINGS  
MODEL V-7120 TEE  
MODEL V-7135 CROSS**

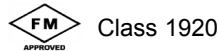
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**1. DESCRIPTION**

VGS® Model V-7120 and V-7135 fittings are available in sizes 1-1/4” through 12”. Fitting solutions are available in a number of styles and configurations to support a variety of applications. VGS® grooved-end fittings are manufactured at ISO901 certified facilities and are designed to conform to ASTM and other standards where applicable. These products are manufactured and designed to meet ASTM F1548 and ANSI/AWWA C606 requirements for use with grooved mechanical couplings conforming to ASTM F1476.

**2. LISTINGS AND APPROVALS**



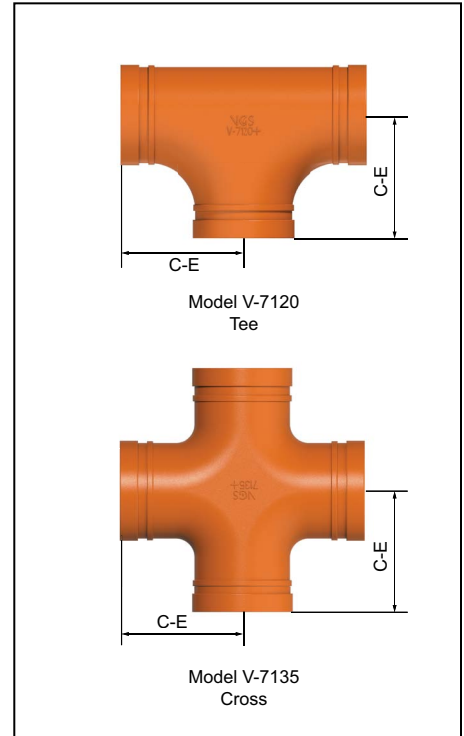
**3. TECHNICAL DATA**

Specifications:  
 Maximum working pressure: 300 psi (21 bar)  
 Ductile iron conforming to ASTM A536  
 Grade 65-45-12  
 Coating rust inhibiting paint - Orange RAL 2001  
 Hot dipped Zinc galvanized versions available (conforming to ASTM A153); when ordering, add a “G” suffix to the Model number.

The latest VGS® Technical Data can be accessed at <http://www.vikinggroupinc.com>. Scan to visit our Mobile website:



<http://vikinggroup.mobi/p/46374>



**TABLE 1: VGS GROOVED FITTING SIZING CHART**

Nominal Size in (mm)	Pipe O.D. in (mm)	V-7120 Tee		V-7135 Cross	
		C-E in (mm)	Lbs (Kgs)	C-E in (mm)	Lbs (Kgs)
1 (25)	1.315 (33)	2.24 (57)	0.79 (0.36)	---	---
1.25 (32)	1.66 (42)	2.76 (70)	1.65 (0.75)	2.76 (70)	1.57 (0.71)
1.5 (40)	1.9 (48)	2.76 (70)	1.92 (0.87)	2.76 (70)	1.79 (0.81)
2 (50)	2.38 (60)	3.27 (83)	3.24 (1.47)	3.27 (83)	2.7 (1.2)
2.5 (65)	2.88 (73)	3.74 (95)	4.5 (2.04)	3.74 (95)	5.78 (2.62)
3 (80)	3.5 (90)	4.25 (108)	6.7 (3.04)	4.25 (108)	7.3 (3.31)
4 (100)	4.5 (114)	5 (127)	10.4 (4.71)	5 (127)	10.78 (4.89)
5 (125)	5.56 (141)	5.51 (140)	13.65 (6.19)	5.51 (140)	14.11 (6.4)
6 (150)	6.63 (168)	6.5 (165)	21.74 (9.86)	6.5 (165)	29.78 (13.51)
8 (200)	8.63 (219)	7.76 (197)	38.18 (17.32)	7.76 (197)	40.72 (18.47)
10 (250)	10.75 (273)	9.02 (229)	68.6 (31.1)	---	---
12 (300)	12.75 (323)	10 (254)	96.3 (43.7)	---	---