

# SUBMITTAL SHEET

## Flanged Fittings



3" FITTINGS (FLANGE X FLANGE)	
MODEL	DESCRIPTION
FF-390	3" 90 Elbow, Flange x Flange
FF-390B	3" 90 Elbow, Flange x Flange w/ Base
FF-333T	3x3x3 Tee, Flange x Flange x Flange
FF-333TB	3x3x3 Tee, Flange x Flange x Flange w/ Base
FF-312SPOOL	3x12 Spool, Flange x Flange
FF-348SPOOL	3x48 Spool, Flange x Flange

4" FITTINGS (FLANGE X FLANGE)	
MODEL	DESCRIPTION
FF-490	4" 90 Elbow, Flange x Flange
FF-490B	4" 90 Elbow, Flange x Flange w/ Base
FF-444T	4x4x4 Tee, Flange x Flange x Flange
FF-444TB	4x4x4 Tee, Flange x Flange x Flange w/ Base
FF-412SPOOL	4x12 Spool, Flange x Flange
FF-448SPOOL	4x48 Spool, Flange x Flange

**IMPORTANT:** Leemco does not provide or sell bolt, nut and gasket kits needed for flanged fittings

**MATERIAL:** .....  
**EPOXY COATING:** .....  
**FLANGED ENDS:** .....

**Class 350 Ductile Iron per ASTM A-536, Grade 65-45-12, AWWA C-515  
 ANSI/AWWA C116/A21.16-09, NSF 61 & CSA Z245.20-98, 12-14 MIL  
 Conform with ANSI B16.1 Class 125**

**NOTE:** Flanged fittings can be tapped upon customer request

### Specification:

All flanged fittings shall meet AWWA C515 standards. Material shall be ductile iron per ASTM A-536, Grade 65-45-12. Epoxy coating on all interior and exterior surfaces shall be fusion bonded epoxy, 12-14 mil thickness. The epoxy coating shall pass 90-Day immersion tests per CSA Z245.20-98. Flanges shall be class 125. All flanged fittings shall be as manufactured by Leemco, Inc., U.S.A.



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**Leemco has a large variety of ductile iron products...  
 Please visit our website @ [www.leemco.com](http://www.leemco.com)**