



# Certificate of Compliance

This certificate is issued for the following:

**Fiber Reinforced Composite Pipe and Fittings**  
**Sizes 100 to 400 mm**  
(see details on attached sheets)

**Prepared for:**

**Composite Pipes Industry LLC**  
**Sohar Industrial Estate, P.O. Box 30**  
**Sohar, 327**  
**Sultanate of Oman**

**Manufactured at:**

**Composite Pipes Industry LLC**  
**Sohar Industrial Estate, P.O. Box 30**  
**Sohar, 327**  
**Sultanate of Oman**

FM Approvals Standard 1614: Fiber Reinforced Composite (FRC) Pipe and Fittings  
for Underground Fire Protection Systems, dated April 2008

Approval Identification: 0003056662

Approval Granted: November 13, 2015

To verify the availability of the Approved product, please refer to [www.approvalguide.com](http://www.approvalguide.com)

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.

A handwritten signature in black ink, appearing to read "D.B. Fuller".

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David B. Fuller  
AVP, Approvals Manager - Fire Protection  
FM Approvals  
1151 Boston-Providence Turnpike  
Norwood, MA 02062 USA



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<i>Product Designation</i>	<i>Nominal Pipe Size, mm</i>	<i>Pressure Rating bar</i>	<i>Pressure Rating (psi)</i>
Pipe, CB/CS	100	16	232
Pipe, CB/CS	150	16	232
Pipe, CB/CS	200	16	232
Pipe, CB/CS	250	16	232
Pipe, CB/CS	300	16	232
Pipe, CB/CS	350	16	232
Pipe, CB/CS	400	16	232
Elbow 90°	100	16	232
Elbow 90°	150	16	232
Elbow 90°	200	16	232
Elbow 90°	250	16	232
Elbow 90°	300	16	232
Elbow 90°	350	16	232
Elbow 90°	400	16	232
Elbow 45°	100	16	232
Elbow 45°	150	16	232
Elbow 45°	200	16	232
Elbow 45°	250	16	232
Elbow 45°	300	16	232
Elbow 45°	350	16	232
Elbow 45°	400	16	232
Equal Tee	100	16	232
Equal Tee	150	16	232
Equal Tee	200	16	232
Equal Tee	250	16	232



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<i>Product Designation</i>	<i>Nominal Pipe Size, mm</i>	<i>Pressure Rating bar</i>	<i>Pressure Rating (psi)</i>
Equal Tee	300	16	232
Equal Tee	350	16	232
Equal Tee	400	16	232
Unequal Tee	100 x 100 x 40	16	232
Unequal Tee	100 x 100 x 50	16	232
Unequal Tee	100 x 100 x 80	16	232
Unequal Tee	150 x 150 x 50	16	232
Unequal Tee	150 x 150 x 80	16	232
Unequal Tee	150 x 150 x 100	16	232
Unequal Tee	150 x 150 x 125	16	232
Unequal Tee	200 x 200 x 80	16	232
Unequal Tee	200 x 200 x 100	16	232
Unequal Tee	200 x 200 x 150	16	232
Unequal Tee	250 x 250 x 100	16	232
Unequal Tee	250 x 250 x 150	16	232
Unequal Tee	250 x 250 x 200	16	232
Unequal Tee	300 x 300 x 100	16	232
Unequal Tee	300 x 300 x 150	16	232
Unequal Tee	300 x 300 x 200	16	232
Unequal Tee	300 x 300 x 250	16	232
Unequal Tee	350 x 350 x 150	16	232
Unequal Tee	350 x 350 x 200	16	232
Unequal Tee	350 x 350 x 250	16	232
Unequal Tee	350 x 350 x 300	16	232
Unequal Tee	400 x 400 x 150	16	232
Unequal Tee	400 x 400 x 200	16	232
Unequal Tee	400 x 400 x 250	16	232



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<i>Product Designation</i>	<i>Nominal Pipe Size, mm</i>	<i>Pressure Rating bar</i>	<i>Pressure Rating (psi)</i>
Unequal Tee	400 x 400 x 300	16	232
Unequal Tee	400 x 400 x 350	16	232
Reducers	150 x 100	16	232
Reducers	200 x 100	16	232
Reducers	200 x 150	16	232
Reducers	250 x 100	16	232
Reducers	250 x 150	16	232
Reducers	250 x 200	16	232
Reducers	300 x 150	16	232
Reducers	300 x 200	16	232
Reducers	300 x 250	16	232
Reducers	350 x 150	16	232
Reducers	350 x 200	16	232
Reducers	350 x 250	16	232
Reducers	350 x 300	16	232
Reducers	400 x 150	16	232
Reducers	400 x 200	16	232
Reducers	400 x 250	16	232
Reducers	400 x 300	16	232
Reducers	400 x 350	16	232
Couplers	100 x 100	16	232
Couplers	150 x 150	16	232
Couplers	200 x 200	16	232
Couplers	250 x 250	16	232
Couplers	300 x 300	16	232
Couplers	350 x 350	16	232
Couplers	400 x 400	16	232



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## Certificate of Compliance

<i>Product Designation</i>	<i>Nominal Pipe Size, mm</i>	<i>Pressure Rating bar</i>	<i>Pressure Rating (psi)</i>
Flange with Socket End, Bolting Flange, ANSI B16.5, Class 150	100	16	232
Flange with Socket End, Bolting Flange, ANSI B16.5, Class 150	150	16	232
Flange with Socket End, Bolting Flange, ANSI B16.5, Class 150	200	16	232
Flange with Socket End, Bolting Flange, ANSI B16.5, Class 150	250	16	232
Flange with Socket End, Bolting Flange, ANSI B16.5, Class 150	300	16	232
Flange with Socket End, Bolting Flange, ANSI B16.5, Class 150	350	16	232
Flange with Socket End, Bolting Flange, ANSI B16.5, Class 150	400	16	232
Blind Flange	100	16	232
Blind Flange	150	16	232
Blind Flange	200	16	232
Blind Flange	250	16	232
Blind Flange	300	16	232
Blind Flange	350	16	232
Blind Flange	400	16	232



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