
F42 Fire testing of flexible pipes

(1995)

1. Flexible pipes with end attachments which are required to be of fire-resisting materials, shall be subject to a fire for 30 minutes at a temperature of 800°C, while water at the maximum service pressure is circulated inside the pipe. The temperature of the water at the outlet shall not be less than 80°C. No leak should be recorded during or after the test.
2. An alternative is to fire test the flexible pipe with flowing water at a pressure of at least 5 bar and subsequent pressure test to twice the design pressure.

