



Certificate of Compliance

This certificate is issued for the following:

**PIPE COUPLINGS AND FITTINGS FOR ABOVEGROUND
FIRE PROTECTION SYSTEMS**

STEEL SPRINKLER PIPE ASSEMBLIES

(Sizes shown in detail on attached page)

Prepared for:

Pefipresa SAU
C/ San Cesareo 22-24,
Madrid 28021
Spain

Manufactured at:

Pefipresa SAU
C/ San Cesareo 22-24,
Madrid 28021
Spain

FM Approvals Class: 1920

Approval Identification: 0003046144

Approval Granted: January 28, 2013

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.

*For more than 160 years FM Approvals has partnered with business and industry
to reduce property losses.*

A handwritten signature in dark ink, appearing to read "Richard B. Dunne".

Richard B. Dunne
Group Manager - Fire Protection
FM Approvals
1151 Boston-Providence Turnpike
Norwood, MA 02062



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Nominal Run Pipe Size, DN	Outlet Connection	Nominal Outlet Size, DN	Rated Working Pressure, bar (psi)	Remarks
32	Threaded	15, 20, 25	16 (232)	a, b, c, d, e
40	Threaded	15, 20, 25	16 (232)	a, b, c, d, e
50	Threaded	15, 20, 25	16 (232)	a, b, c, d, e
50	Grooved	32, 40	16 (232)	a, b, c, d
65	Threaded	15, 20, 25	16 (232)	a, b, c, d, e
65	Grooved	32, 40, 50	16 (232)	a, b, c, d
80	Threaded	20, 25, 32	16 (232)	a, b, c, d, e
80	Grooved	32, 40, 50	16 (232)	a, b, c, d
100	Grooved	32, 40, 50, 65, 80	16 (232)	a, b, c, d
150	Grooved	32, 40, 50, 65, 80	16 (232)	a, b, c, d
200	Grooved	32, 40, 50, 65, 80	16 (232)	a, c, d

Remarks

- a. Manufactured from ERW longitudinal welded pipe to EN10217-1
- b. Manufactured from non-alloy steel pipes suitable for welding and threaded to EN10255
- c. Manufactured from seamless pipe to EN10216-1
- d. Maximum Run Pipe length of 9 meters
- e. BSP and NPT threads.



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