



Certificate of Compliance

This certificate is issued for the following:

Polyethylene Fittings, Sizes 63 to 500 mm
(see details on following pages)

Prepared for:

Friatec Aktiengesellschaft
Steinzuegstr 50
Mannheim 68229
Germany

Manufactured at:

Friatec Aktiengesellschaft
Steinzuegstr 50
Mannheim 68229
Germany

FM Approvals Class: 1613

Approval Identification: 0003053544

Approval Granted: March 10, 2015

To verify the availability of the Approved product, please refer to 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 dark ink, appearing to read "Richard B. Dunne". The signature is written in a cursive style and is positioned above a horizontal line.

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



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<i>Product Designation</i>	<i>Nominal Pipe Size, mm</i>	<i>Pressure Rating, psi (kPa)</i>	<i>Remarks</i>
FRIALEN Slide-over Coupler (UB)	63, 75, 90, 110, 125, 140, 160, 180, 200, 225, 250, 280, 315, 355, 400, 450, 500	200 (1380)	a
FRIALEN Reducer (MR)	90x63, 110x63, 110x90, 125x90, 160x110, 225x160	200 (1380)	a
FRIALEN Elbow 30° (W30)	90, 110, 125, 140, 160, 180, 200, 225	200 (1380)	a
FRIALEN Elbow 45° (W45)	63, 75, 90, 110, 125, 140, 160, 180, 200, 225	200 (1380)	a
FRIALEN Elbow 90° (W90)	63, 75, 90, 110, 125, 140, 160, 180, 200, 225, 250, 280, 315	200 (1380)	a
FRIALEN Tee (T)	75, 90, 110, 125, 140, 160, 180, 200, 225, 250, 280, 315, 355, 400	200 (1380)	a
FRIALEN End Cap (MV)	63, 75, 90, 110, 125, 140, 160, 180, 200, 225	200 (1380)	a

a. FRIALEN Fittings are electrofusion fittings designed to join two adjacent lengths of high density polyethylene pipe. The FRIAMAT family of fusion machines are used to fuse FRIALEN fittings to the pipe. Manufacturer's installation and assembly recommendations must be strictly followed for a proper joint.



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