



Certificate of Compliance

This certificate is issued for the following:

Polyethylene (PE) Pipe and Fittings for Underground Fire Protection Service
(see detail on following page)

Prepared For:

AGRU-FRANK GmbH
Dieselstrasse 1-7
Wolfersheim-Berstadt, 61200
Germany

Manufactured At:

AGRU-FRANK GmbH
Dieselstrasse 1-7
Wolfersheim-Berstadt, 61200
Germany

Approval Standard: FM 1613 (October 2022)

Approval Identification: 3058569
Superseded by: RR238982

Approval Granted: 28 June 2017
Date Authorized: 20 October 2023

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 'D. B. Fuller', is written over a horizontal line.

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



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Product Description	Nominal Pipe Size, mm	Rated Working Pressure		Remarks
		bar	(psi)	
Pipe, PE 100, SDR 11 Extruded	63, 75, 90, 110, 125, 140, 160, 180, 200, 225, 250, 280, 315, 355, 400, 450, 500, 560, 630	15	(215)	a, b, c
Pipe, PE 100, SDR9 Extruded	63, 75, 90, 110, 125, 140, 160, 180, 200, 225, 250, 280, 315, 355, 400, 450, 500, 560, 630	17.5	(250)	a, b, c
Sweep Bend Fittings, 90°, 60°, 45°, 30°, 22°, 11°, Extruded and Formed SDR 11	90, 110, 125, 140, 160, 180, 200, 225, 250, 280, 315, 355, 400, 450, 500, 560, 630	15	(215)	a, b, c
Sweep Bend Fittings, 90°, 60°, 45°, 30°, 22°, 11°, Extruded and Formed SDR 9	90, 110, 125, 140, 160, 180, 200, 225, 250, 280, 315, 355, 400, 450, 500, 560, 630	17.5	(250)	a, b, c

Remarks:

- a. Dimensions refer to the pipe outside diameter. Pipe and fittings are directly connected by the butt fusion process, or the socket electro-fusion welding process.
- b. The manufacturer fusion welding instructions must be strictly adhered to for a proper joint.
- c. The color of the pipe is Black or Blue.



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