



# Certificate of Compliance

This certificate is issued for the following:

**Polyethylene (PE) Pipe and Fittings for Underground Fire Protection Service**  
(see attached listing)

**Prepared for:**

Georg Fischer Piping Systems Ltd  
Ebnatstrasse 111  
Schaffhausen, CH-8201  
Switzerland

**Manufactured at:**

Corys Plastic Industries  
Mussaffah South  
ICAD III  
Plot No 47SR37  
Abu Dhabi, UAE

FM Approvals Class: 1613

Approval Identification: PR453949

Approval Granted: August 29, 2019

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', is written over a horizontal line.

David Fuller  
VP - Manager of Fire Protection  
FM Approvals  
1151 Boston-Providence Turnpike  
Norwood, MA 02062 USA

March 17, 2020

Date



*Member of the FM Global Group*



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<i>Product Designation</i>	<i>O.D., Pipe Size mm</i>	<i>Pressure Rating bar (psi)</i>	<i>Remarks</i>
Segmented Fittings for Butt Fusion or Electrofusion, Hepworth PME +GF+ PE100, SDR 9			
Segmented 45° Bend	355, 400, 450, 500	12 (175)	a, b, c
Segmented 90° Bend	355, 400, 450, 500	12 (175)	a, b, c
Segmented Equal Tee	355, 400, 450, 500	12 (175)	a, b, c

Remarks:

- a. Segmented fittings are directly connected to pipes by butt fusion or to pipe or fittings by electrofusion couplers.
- b. The manufacturer's electro-fusion welding instructions must be strictly adhered to for a proper joint.
- c. The fittings are manufactured of extruded PE100 pipe.

<i>Product Designation</i>	<i>O.D., Pipe Size mm</i>	<i>Pressure Rating bar (psi)</i>	<i>Remarks</i>
Hepworth PME +GF+ PE100 Pipe, SDR 9	90, 110, 125, 140, 160, 180, 200, 225, 250, 280, 315, 355, 400, 450, 500	15 (215)	a, b, c

Remarks:

- a. Dimensions refer to the pipe outside diameter. Pipes and fittings to be connected by electrofusion welding only.
- b. The manufacturer's electrofusion welding instructions must be strictly adhered to for a proper joint.
- c. The color of the pipe is black or black with blue stripes.

