



## Confirmation of Product Type Approval

**Company Name:** GEORG FISCHER JRG AG

**Address:** HAUPTSTRASSE 130 4450 SISSACH Switzerland

**Product:** Thermoplastic Pipe, Fittings and Joints

**Model(s):** "INSTAFLEX" PB

**Endorsements:**

Certificate Type	Certificate Number	Issue Date	Expiry Date
Product Design Assessment (PDA)	25-0231171-PDA	15-SEP-2025	14-SEP-2030
Manufacturing Assessment (MA)	25-7070844	23-JUN-2025	09-JUL-2030
Product Quality Assurance (PQA)	NA	NA	NA

### Tier

3 - Type Approved, unit certification not required

### Intended Service

Marine & Offshore Application - Non-essential systems including fresh water, seawater, potable water, gray water, black water, vacuum flush sanitary piping, vents, drains, compressed air.

### Description

Polybutylene plastic pipes in sizes O. D. 16x2. 2mm, 20x2. 8mm, 25x2. 3mm, 32x3. 0mm, 40x3. 7mm, 50x4. 6mm, 63x5. 8mm, 75x6. 8mm, 90x8. 2mm, 110x10mm, 125x11mm, 225x21mm; valves, adjustable weld in saddles and fittings

### Ratings

Pipe sizes O.D. 16mm to 90mm Maximum Pressure: 10 Bar, Maximum Temperature: 70C degree (Short periods up to 95C degree)

Pipe Size O.D. 110mm Maximum Pressure: 7 Bar, Maximum Temperature: 70C degree (Short periods up to 95C degree)

### Service Restrictions

1. Unit Certification is not required for this product. If the manufacturer or purchaser request an ABS Certificate for compliance with a specification or standard, the specification or standards, including inspection standards and tolerance, must clearly defined.

2. Flag state must accept flame spread testing in accordance with ASTM D635 in lieu of the IMO flame spread test or use have to be restricted to open decks and within tanks, cofferdam, void space, pipe tunnel and duct, in accordance with 4-6-3/5.13.1 of the ABS Rules for Building and Classing Marine Vessels (ABS MVR).

3. Not to be used in fire main.