



中国船级社  
CHINA CLASSIFICATION SOCIETY

格式  
Form CP302

编号  
No. HBT03170142-3

# 船用产品型式认可证书

## CERTIFICATE OF TYPE APPROVAL FOR MARINE PRODUCT

|                                  |                                       |                      |  |
|----------------------------------|---------------------------------------|----------------------|--|
| 产品名称<br>Description              | Plastic Pipes, Fittings<br>and Valves | 制造厂名<br>Manufacturer | Georg Fischer Piping<br>System AG                      |
| 产品型号<br>Model                    | INSTAFLEX (PB)                        |                      |  |
| 图纸批准号<br>Approval no. of drawing | HBT03170142                           | 厂址<br>Address        | Ebnatstraße 111, CH-8201,<br>Schaffhausen, Switzerland |

产品明细  
Particulars

|                         |  |
|-------------------------|--|
| Description             | Plastic Pipes, fittings and valves, jointing technique by either compression, fusion or electrofusion  |
| Type                    | INSTAFLEX (PB)   |
| Range of Application    | ①Cold and hot water piping systems on open decks, within tanks, cofferdams, void spaces, pipe tunnels and ducts on board ships where fire endurance are not required according to the IMO Resolution A.753(18).<br>②The selection, installation of the piping system is to be carried out in accordance with the CCS rules and the manufacturer's technical manual LITGF 0472 (11.01). |
| Technical Specification | Size Range: 16 mm to 110 mm (I.D.).<br>Pressure : PN10 bar<br>Temperature: 0°C to +70.0 C°. Maximum allowable working pressure and temperature according to the specification of the manufacture.<br>Remark : For further information of the Technical Specification, refer to the Manufacture's Product Range Fi 8707/4Ex.(01.04)   |
| Test Standard           | ①Part 3, Chapter2 of CCS Rule 2001 and its Amendment 2002.<br>②IMO Resolution A.753(18) except fire endurance, toxicity and smoke generation test. Flame spread tests according to ASTM D635-91.   |

**THIS IS TO CERTIFY** that the surveyor to this Society has, in accordance with the Rules and relevant Regulations of this Society and IMO Resolution A.753(18) except fire endurance, toxicity and smoke generation test, examined the documents and technical documents of the a.m. products, and carried out a survey for type-approval. Both the documents and survey results are found to be in compliance with the Rules of this Society and relevant standards. The Type Approval for the subject is hereby granted.

After the Type Approval, the subject product is also required to be surveyed and certified in accordance with the requirements of this Society.

本证书有效期限至  
This Cert. is valid until  
发证日期  
Date of issue

