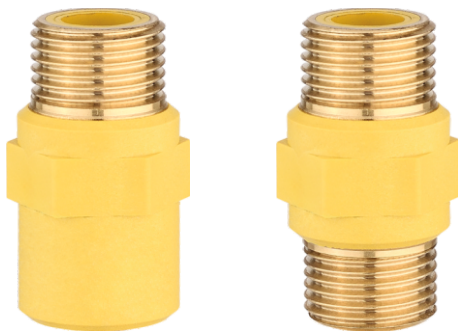




PROFACTOR®
DER DEUTSCHE QUALITÄTSSTANDARD

EN

TECHNICAL DATA SHEET AND USER MANUAL



PRODUCT CODE

PF TF 198.15
PF TF 198.20
PF TF 199.15
PF TF 199.20

DIELECTRIC NIPPLE

1. PURPOSE AND SCOPE

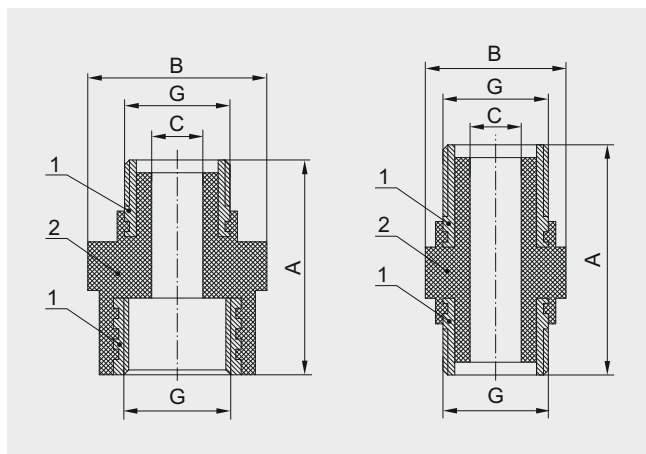
The dielectric nipple is a non-detachable connection designed to be installed between the gas valve and the gas supply line.

Gas insulating nipples provide protection against emergency situations caused by the ingress of electric current into the gas pipeline as a result of malfunctions in the electrical components of gas appliances.

2. TECHNICAL SPECIFICATIONS

Product Code	PF TF	198.15	198.20	199.15	199.20
Connection thread, G	DN	1/2"	3/4"	1/2"	3/4"
Dielectric strength	min	More than 3 minutes			
Operating temperature range	°C	-20°C to 80°C			
Maximum operating pressure	bar	6			
Electrical resistance to direct current at 500 V	MOm	>5			

3. DESIGN



1 – Brass CW617N

2 – Polyamide

4. NOMENCLATURE AND DIMENSIONS

Product Code	G	DN	A, mm	B, mm	C, mm	Weight, g
PF TF 198.15	1/2"	15	43	35	10	61
PF TF 198.20	3/4"	20	43	39,6	15,5	80
PF TF 199.15	1/2"	15	45	27,5	10	50
PF TF 199.20	3/4"	20	45	34,5	15,5	70

5. INSTALLATION INSTRUCTIONS

The dielectric nipple may be installed in any mounting position. The nipple must not be subjected to loads from the pipeline (bending, compression, tension, torsion, misalignment, vibration, pipe misalignment, or uneven tightening of fasteners). If necessary, supports or compensators should be provided to reduce the load on the fitting from the pipeline.

As a sealing material for threaded connections, PTFE-tape (fluoroplastic sealing material PTFE — polytetrafluoroethylene) or polyamide thread with silicone should be used, ensuring tightness of the connections at the design temperature and pressure of the working medium, as approved in accordance with the established procedure.

Installation and dismantling of the products must be carried out only when there is no pressure in the system. During installation, only wrenches with rubber jaws may be used. The tightening torque of the union nuts must not exceed 20 Nm.

After installation, the sanitary system units must be tested for leak tightness.

6. WARRANTY OBLIGATIONS

The warranty period is 24 months from the date of sale to the end user. Throughout the entire warranty period, the manufacturer guarantees the proper operation of the product and its compliance with safety requirements, provided that the consumer observes the rules for storage, transportation, installation, operation, and maintenance of the product. The warranty covers all defects arising due to the manufacturer's fault.

The warranty does not cover defects that occur as a result of:

- Violation of storage, transportation, installation, operation, or maintenance conditions;
- Exposure to substances aggressive to the materials of the product;
- Signs of mechanical damage;
- Damage caused by fire, natural disasters, or other force majeure circumstances;
- Damage resulting from improper actions of the consumer;
- Evidence of unauthorized interference with the product's design.

The product described in this technical passport is a technically complex device that must be installed by a specialist with the appropriate qualifications and experience in working with this type of equipment.

Installation and commissioning must be carried out by an authorized and certified company.

Profactor Armaturen GmbH reserves the right to make design changes to the device that do not affect its technical characteristics or functional features.



INTERNATIONAL WARRANTY CARD

NAME OF THE PRODUCT

PRODUCT CODE, SIZE

QUANTITY

SELLER NAME AND ADDRESS

DATE OF PURCHASE

SELLER STAMP

SELLER SIGNATURE

For the warranty term refer to the Warranty obligation clause in the technical manual

FOLD LINE

FOLD LINE

In case of any claims to the product quality the following documents should be submitted:

1. Application with customer and product details:

- Name of the customer, actual address and phone number
- Article of the product
- Reason for the claim and photo
- Plumbing system where installed (name, address, phone number)

2. Invoice copy and receipt

3. Warranty card

RETURN/EXCHANGE COMMENTS

DATE

SIGNATURE



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