



PROFACTOR®
DER DEUTSCHE QUALITÄTSSTANDARD

EN

TECHNICAL DATA SHEET AND USER MANUAL



PRODUCT CODE

PF PST 540
PF PST 541
PF PST 542

**SAN-LOCK® PROFESSIONAL
SILICON-THREATED POLYAMIDE CORD**

1. PURPOSE AND SCOPE

SAN-LOCK® PROFESSIONAL is a chemically neutral, multi-fiber polyamide thread uniformly impregnated with a special silicone compound. It is designed for sealing threaded connections of pipes and fittings with both cylindrical and tapered threads.

It provides fast and reliable sealing of hot and cold water supply pipelines, as well as pipelines for transporting gases of groups 1, 2, and 3 (group 3 in vapor form), gas condensates, compressed air, and industrial oils. It is approved for use in potable water systems. Use in systems containing pure oxygen, chlorine, or other strong oxidizers, as well as gasoline, diesel fuel, or fuel oil, is not recommended.

2. TECHNICAL SPECIFICATIONS

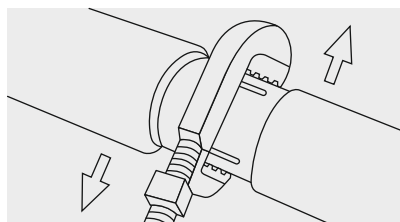
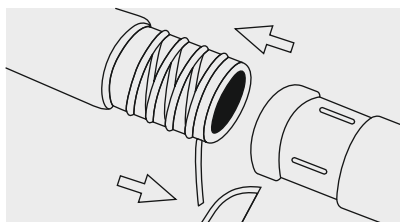
Product Code	PF PST	540	541	542
Color	—	white		
Operating temperature range	°C	–20 to +130		
Working pressure	bar	Water up to 16 bar, gas up to 8 bar		
Length	m	25	50	100
Linear density	dTex	5000		
Weight	g	25	50	70

The PROFACOR SAN-LOCK® PROFESSIONAL silicon-threaded polyamide cord is in accordance with the requirements of DIN EN 751-2:1997. It instantly seals the connection and allows for adjustment within 72 hours after assembly. It does not require the use of sealing pastes. The shelf life is unlimited.

3. INSTALLATION INSTRUCTIONS

Before starting to wind the sealing cord, it is recommended to clean the metal thread with a brush and smooth out the thread grooves with a file. The sealing thread should be wound from the end of the pipe in the direction of the thread, with overlaps between the thread turns and the sealing cord.

Such winding creates a labyrinth seal that effectively prevents leaks. The cord is wound spirally inside the container and can be unwound effortlessly. The cord should be wound with slight tension. After winding, screw on the corresponding mating part.



Recommended number of cord windings depending on thread diameter:

Thread diameter	1/2"	3/4"	1"	1½"	2"	3"
Number of turns	7 – 8	8 – 9	9 – 12	12 – 15	15 – 25	25 – 35

4. WARRANTY OBLIGATIONS

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

The warranty does not cover defects resulting from:

- 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 caused by improper actions of the user;
- Evidence of unauthorized interference with the product design.

The product described in this technical manual is a technically complex device that must be installed by a qualified specialist with appropriate experience 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 changes to the product design 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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