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PROFACTOR[®]
DER DEUTSCHE QUALITÄTSSTANDARD

TECHNICAL DATA SHEET AND USER MANUAL



**PRODUCT
CODE**

PF PC 518

**CUTTER FOR MULTI-LAYER
COMPOSITE PIPES**

1. PURPOSE AND SCOPE

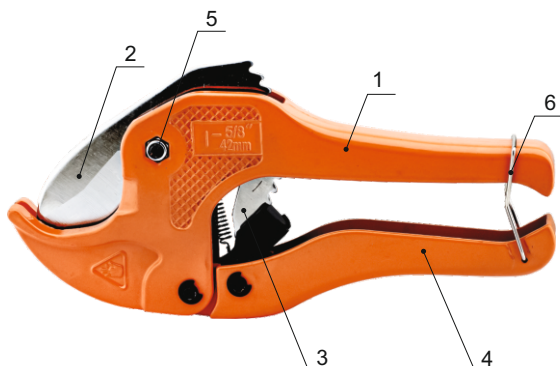
The cutter is designed for manual cutting at a right angle of multi-layer (composite) and plastic pipes with an outer diameter of up to 42 mm inclusive.

The presence of a ratchet mechanism reduces the operator's required cutting effort. In the closed position, the cutter is secured with a locking latch.

2. TECHNICAL SPECIFICATIONS

Product Code	PF PC 518	
Permissible pipe material	Multi-layer (composite), polyethylene (PE, PEX, PE-RT), polypropylene, polybutene	
Maximum outer diameter of pipes to be cut	mm	42
Maximum thickness of the reinforcing aluminum layer in composite pipes	mm	0,5
Average service life	cut	5000
Blade drive type	—	ratchet
Tool weight	g	248

3. DESIGN



- 1 – Body
- 2 – Blade
- 3 – Ratchet mechanism
- 4 – Movable handle
- 5 – Screw axis
- 6 – Locking latch

4. MATERIALS

Body (1), Movable handle (4) — Silumin coated with epoxy enamel

Blade (2), Ratchet mechanism (3) — Stainless tool steel

Screw axis (5) — Oxidized steel

Locking latch (6) — Steel

5. OPERATING INSTRUCTIONS

Cutting should be performed in the following order:

- release the locking latch;
- fully open the cutter handles, the blade will move to its uppermost position;
- place the pipe to be cut evenly between the jaws of the body;
- apply repeated pressure to the handles to make the cut.

After 400–500 cuts, the blade should be sharpened. This must also be done if nicks appear on the cutting edge. After 500 cuts, lubricate all cutter joints with machine oil.

It is forbidden to use the cutter for steel or copper pipes, as well as for materials not specified in this manual.

6. WARRANTY OBLIGATIONS

The warranty period is 12 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

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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



Profactor Armaturen GmbH

Ruffinallee 9, c/o Kanzlei Antegra, 82166 Gräfelfing, Germany;
Tel.: +49 89 21546092; info@pf-armaturen.de; www.profactor.de