



# PRODUCT CATALOGUE 2019/2020

Sealing, Bonding, Cleaning, Accessories

## Sanitary and Heating Equipment



To make water stay where it belongs

## Furnace and Fireplace Equipment



To make heat stay where it belongs

## Equipment for the Industry



Tightly connecting industrial systems

## Pool Equipment



Professional solutions for swimming pools



**NEW  
PRODUCT RANGE**

Setting up, mounting, sealing, bonding, gluing, repairing, maintaining and cleaning in standard Fermit quality.

**Also for pools now!**



**CLEVER AND HANDY ASSISTANTS FOR THE PERFECT JOINT ✓**



Joint tools



Cartridge tip extensions



Bend-and-turn  
cannula



[pool.fermit.de](http://pool.fermit.de)



## The company

Fermit GmbH, formerly Nissen & Volk GmbH, has been specialised in sealing threads for over 100 years and with its Neo-Fermit brand is the unchallenged market leader in Germany.

As a service provider and competent partner for the wholesale trade in sanitary and heating engineering, for oven and fireplace manufacturers, for the industry, technical trade, and now also in pool technology, Fermit provides solutions and surplus values made in Germany.



Verwaltungsgebäude der Mutter-Gesellschaft in Paris

Hundred thousands of customers, from masters to assistants and hobby craftsmen, trust our certified and approved products.

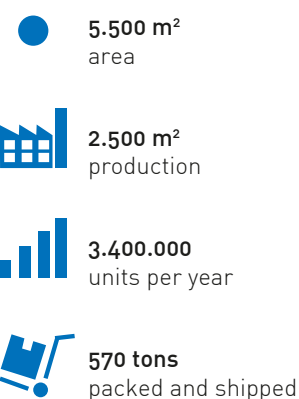
As a subsidiary of the French BARTHELEMY Group, Fermit GmbH benefits from considerably extended R&D expertise and from an increased presence in several European countries.

As a manufacturer, Fermit GmbH takes its role in the ecosystem seriously. The photovoltaic system installed on the rooftop of the 2015 extension of production hall produces 48,000 kWh of electricity and allows for a reduction of 33 tons of CO<sub>2</sub> per year. Thus, for the benefit of man and nature, Fermit's production is climate-neutral to the greatest extent.

Furthermore, Fermit GmbH is regularly audited with respect to its quality management and is certified in accordance with DIN ISO 9001:2015.



### Fermit in numbers:



Innovative strength, flexibility, and short reaction times. This is Fermit.

For product information and technical data sheets go to **[www.fermit.de](http://www.fermit.de)**



# PRODUCT RANGE:

SANITARY AND HEATING EQUIPMENT	Page
THREAD SEALINGS	
Neo-Fermit Universal	8
Fermit-Spezial	8
Solar-Fermit	8
Hochdruck-Fermit	9
Fermitol	9
Kunststoff-Gewindedicht (Plastic Thread Sealant)	9
Fermitan	10
Neo-Fermit-Sets	10
PTFE-Band/GoldexBand	11
PTFE-Sealing Thread	11
Hemp/Flax	12
INSTALLATION PUTTIES	
Plastic-Fermit	13
Aqua-Fermit	13
Putty Cord	13
SEALING MATERIALS	
Fermitopp N/E	14
Fermitopp Aquarium	14
Joint tools	14
MS Polymer	15
360° Bend-and-Turn Cannula	15
Extension for Cartridge Tips	15
Collex-Silicon	15
LUBRICANTS AND GREASES	
Lubricant	16
Lubricant for Exhaust Gas Systems with Sealing Washers	16
Glissa Spezial-Fitting Grease	16
Glissa Silicon-Fitting Grease	16
Glissa Allgas-Tap Grease	17
SANITARY MAINTENANCE	
PTFE-Flat Sealing Tape "FA"	17
Wall Fitting Sealings	18
Fermitex (powder/liquid)	18
Shower Door Seals	19
Plastic Scissors	19
Fermit Emergency Kit for Pipe Damages	20
Fermitape	21
Sealing Tape (Tub/Kitchen)	21
SOLDERING AND WELDING	
Thermostop	21
HEATING MAINTENANCE	22
Grafitpaste Nivo - Flexoperm	22
3D-Kitt	22
3D-Kitt Super	22
Burner Cleaner	23
Combustion Chamber Decoker	23
Leak Detector Spray / Leak Detector Spray -15°C	23
Adapter Manometer Stopcock	24
Burner Cleaner	24
Vessel Filler	24
PRODUCTS FOR PVC PIPE INSTALLATIONS	
Fermitac HT Plus PVC-ABS Glue	25
Fermitac PVC-U Glue	25
Fermitac Cleaner	25

FURNACE AND FIREPLACE EQUIPMENT	Page
FIREPROOF PRODUCTS	
Fireproof Burner Putty Froschmarke	26
Fireproof Burner Putty Super +1300 °C	26
Fireclay Glue HT 1100/Furnace Cord Glue	26
Fireclay Mortar	27
Fire Cement	27
Glass Fibre Round Cord / Fabric Tape	27
Glass Fibre Round Cord / Square Tapes / Tapes	28
SEALANTS	
Fermitopp HN 300	29
Fermitopp HE 300	29
Cartridge Gun	29
MAINTENANCE FIREPLACES & FURNACES	
Fireplace Glass Cleaner	30
Black Lead	30
Decoking Powder	30
Decoking Pellets	30
SUPPLIES FOR FIREPLACES AND FURNACES	
Fire Lighter Wool	31
Fire Lighter Gel	31
Fire Lighter Cubes	31








INDUSTRY EQUIPMENT	Page
<b>PTFE THREAD SEALINGS</b>	
Thread Tapes	32
<b>PTFE PACKING CORDS, PACKING EXTRACTORS AND CERAMIC FIBRE PACKINGS</b>	
Bonnapack "E", "G" - Round Cord, "S" Square	33
Ceramic Fibre Round Cord, Square	33
Packing Extractor	33
<b>PTFE FLAT SEALS/O-SEALS</b>	
ePTFE Seal Tape/O-Seal (FA/R/FB/FD/FH)	34, 35
<b>PTFE FILMS AND PTFE SHEETS</b>	
PTFE Films	36
Bonnatex "FD 08"-PTFE Sheets	36
<b>GREASING/MOUNTING/MAINTAINING</b>	
Anti-Seize Aluminium Paste Spray	37
Anti-Seize Copper Paste Spray	37
Vessel Filler Spray and Vessel Filler Spray (non-flammable)	37
Adhesive Grease Spray	37
Chain and Rope Spray	37
Multi-Purpose Oil Spray	37
Cutting Oil Spray	37
Silicon Spray	37
Grease Spray White	37
White Oil Food Industry Spray	37
Cogwheel Spray	37
<b>SURFACE PRESERVATION/CORROSION PREVENTION</b>	
Aluminium Spray	38
Chrome Aluminium Spray	38
Stainless Steel Spray	38
Primer Grey	38
Primer Reddish Brown	38
Anti-Corrosion Wax Spray	38
Copper Spray	38
Marking Spray Luminous Red	38
Brass Spray	38
Zinc Aluminium Spray	38
Zinc Spray Grey & Bright	38
Zinc Dust Paint	38
<b>CLEANING/DEGREASING/MAINTAINING</b>	
Active Foam Spray	39
Brake Cleaner Spray	39
Burner Cleaner Spray	39
Citrus High Performance Cleaner Spray	39
Air Pressure Spray	39
Stainless Steel Maintenance Spray	39
Electronics Cleaner Spray	39
Degreaser Spray	39
Contact Spray	39
<b>LOOSENING/PARTING</b>	
BonnaFlon PTFE-Spray	39
Release Agent Spray	39
Graphite Powder Spray	39
Cooling Spray	39
Rust Remover MOS2 Spray	39
Rust Remover Shock Spray	39
Welding Release Spray	39

POOL EQUIPMENT	Page
<b>SETTING UP &amp; MOUNTING</b>	
Anti-Corrosion Spray	40
Spray Glue for Pool Fleece	42
Fleece Glue PRO	42
<b>PVC BONDING</b>	
PVC Glue Blue with Brush	42
PVC Glue Blue PRO with Brush	42
<b>PVC CLEANING</b>	
PVC Universal Cleaner	43
<b>CLEANING, MAINTENANCE &amp; PROTECTION</b>	
Stainless Steel Maintenance Spray	40
Whirlpool Disinfection	41
Heat Pump and Air Conditioning Cleaner	43
<b>SEALING UP THREADED CONNECTIONS</b>	
PTFE Teflon Tape	41
Kunststoff-Gewindedicht (Plastic Thread Sealant)	43
<b>MAINTENANCE OF VALVES AND FITTINGS</b>	
Silicon Fitting Grease	44
<b>LEAKAGE REPAIR</b>	
Abrasive Paper, Grain Size 120	44
Repair Compound for Leakages	44
Sealing Tape for Leakages	44
Repair Set for Pool Liner	45
Sealing Bandage for Rigid PVC Pipes	45
Leck-Fix	45
<b>UNDERWATER SEALING</b>	
Aqua-Fix PRO	45

# SANITARY AND HEATING EQUIPMENT

## OVERVIEW OF SEALANTS

Article	Neo-Fermit	FRp & GRp Tapes	Goldex-Tapes PTFE	PTFE Threads	Plastic Thread Sealant
					
<b>Thread sealing</b> (conical or cylindrical)	metal	plastics & metal	plastics & metal	plastics & metal	plastics & metal
Also for flat seals	✓				
<b>Approved by</b>	DVGW, ÖVGW, SVGW, DG	DVGW, partly BAM / WRAS	DVGW, BAM, FDA	DVGW, WRAS, BAM, UL, ASTM, KIWA	WRAS
<b>Suitable for:</b>	Drinking water	✓	✓	✓	✓
	Water & steam	✓	✓	✓	✓
	Compressed air	✓	✓	✓	✓
	Gas	✓ w/o oxygen	✓	✓	
	Oils & fuels		✓	✓	
	Other		glycol, ozone, chlorine, salt, chemicals	glycol, ozone, chlorine, salt, chemicals	glycol, ozone, chlorine, salt
<b>Technology</b>	sealant (only in connection with hemp)	sealing tape	sealing tape	sealing tape	sealing thread
<b>Use with (hemp/flax)</b>	✓				
<b>Permissible void in the thread at diameter</b>					0,8 mm
<b>Max. diameter</b>		2"	2"	1,5"	
<b>Ease of disassembling</b>	easy	easy	easy	easy	easy
<b>Retractable</b>	✓	✓ 45 degrees	✓ 45 degrees	✓ 45 degrees	✓ 45 degrees 10 Min.
<b>Max. operating temperature with</b>					
- non-ferrous metals + water	130°C	260°C	260°C	240°C	to 8 bar (60°C)
- other metals + water	130°C	260°C	260°C	240°C	to 8 bar (60°C)
- other materials	gas 70°C	260°C	260°C	240°C oxygen 100°C	
<b>Repressurizing</b>	immediately	immediately	immediately	immediately	Immediately 3 bars max
<b>Pressure after polymerization</b>	water 16 bars heating 7 bars gas 5 bars	20 bars	oxygen 30 bars 40 bars and 60°C	100 bars with hot water	max 8 bars [60°C] max 4 bars and 90°C in heating systems

# SANITARY AND HEATING EQUIPMENT

Fermit-Spezial	Hochdruck-Fermit	Solar-Fermit	Fermitol	Fermitan – Wasser	Fermitan – Heizung
					
metal	metal	metal	plastics & metal	metal	metal
✓	✓		✓		
				UBA	DVGW, UBA
				✓	✓
✓	✓	✓	✓	✓	✓
✓	✓	✓	✓		✓
✓ w/o oxygen	✓ w/o oxygen		✓ liquid gas only		✓ w/o oxygen
			✓		✓
		glycol	glycol, saltwater		
sealant (only in connection with hemp)	sealant (also in connection with hemp)	sealant (only in connection with hemp)	resin glue	anaerobic glue	anaerobic glue
✓	✓	✓	✓		
				0,25 mm	0,25 mm
				2"	2"
easy	easy	easy	difficult	moderate	very difficult
✓	✓	✓	x		
100°C	160°C	160°C	130°C	40°C	100°C / 120°C
100°C	160°C	160°C	130°C	150°C / 170°C	110°C / 120°C
			oil 130°C	150°C / 170°C	110°C / 120°C
immediately	immediately	immediately	1 hour	4 bars = 15 mins	4 bars = 14 mins
10 bars	16 bars	15 bars	4 bars	200 bars	200 bars



# SANITARY AND HEATING EQUIPMENT

## THREAD SEALINGS

### NEO-FERMIT UNIVERSAL



#### Thread sealant for metal thread connections in connection with hemp

- Suitable for gas and drinking water in domestic installations
- Tested by DVGW (DIN EN751-2 Arp & DIN 30660) for Germany, Austria, Switzerland and Denmark
- For all kinds of gases including natural gas and liquid gas (in the gas phase)

Application area water: **Temperature range:** 95°C max  
 Application area heating: **Temperature range:** 130°C max  
 Application area gas: **Temperature range:** -20°C to 70°C

**Max pressure:** 16 bars  
**Max pressure:** 7 bars  
**Max pressure:** 5 bars

- Clean and non-toxic
- Does not stick
- Skin-friendly
- Solvent-free
- Without shrinking
- Non-curing
- Removable at any time
- Free of silicon
- Protects threads against corrosion

Article number	Article	PU
01002	150g tube	15
01003	325g tube	15
01004	450g can	12
01005	800g can	18
01007	4kg bucket	1
01015	380g cartridge	12

### FERMIT-SPEZIAL



#### Thread sealant for metal thread connections in connection with hemp

- Suitable for all threads with a maximum diameter of 2 inches in accordance with DIN 2999
- For any gas, water, heating, and compressed air systems (not in domestic installations)

Application area water  
 Heating, gas, compressed air: **Temperature range:** -25°C to 100°C  
**Max pressure:** 16 bars

- Easy to process
- Sealing up immediately
- Removable at any time
- Non-curing
- Reliable and safe

Article number	Article	PU
02001	70g tube	24
02003	600g can	12
02004	6kg bucket	1

### SOLAR-FERMIT



#### Sealant for solar installations in connection with hemp

- Suitable for all standard heat transfer media (not with gas and drinking water systems in domestic installations)
- Resistant to glycol
- Solar-Fermit can be applied to any circuits completely or partially filled with glycol and frost protection fluids such as brine pipes for heat pumps or cooling circuits

- Easy to process
- Sealing up immediately
- Removable at any time
- Non-curing

Solar-Installation: **Temperature range:** 160°C max **Max pressure:** 15 bars

Article number	Article	PU
08001	250 g can	6

# SANITARY AND HEATING EQUIPMENT

## THREAD SEALINGS

### HOCHDRUCK-FERMIT



**Pressure and heat-resistant sealant, also in connection with hemp for sealing threads, flanges and surfaces**

- Suitable for all threads with a maximum diameter of 2 inches (DIN 2999) in high pressure plants, turbine housings, or steam pipes.

**Temperature range:** 160°C max, **Max pressure:** 16 bars (depending on application).  
Coat flanges, surfaces and interplies on both sides

Article number	Article	PU
03001	500g can	12
03003	5kg bucket	1

- Easy to process
- Non-curing
- Connections are detachable
- Non-toxic
- Heat-resistant
- High pressure-resistant
- Immediately durable

### FERMITOL



**All-round liquid synthetic resin sealant for sealing threads, flanges and surfaces**

- Suitable for water, petrol, grease and oil pipes, oil heating and propane gas systems, engines, engine cases, gearboxes, machines, devices and cases
- Resistant against oil, liquid gas, petrol, benzene, petroleum, greases, water, steam, acid, base, brine, seawater  
Resistant to spirits and all fuel mixtures

**Temperature range:** -10°C to 130°C      **Max pressure:** 4 bars  
(depending on application)

Article number	Article	PU
04001	125g bottle (incl. brush)	24

- Easy to process
- Sealing up immediately
- Integrated brush
- Applicable with or without hemp
- Free of phthalate

### KUNSTSTOFF-GEWINDEDICHT (PLASTIC THREAD SEALANT)



**Neutrally cross-linked silicon glue for sealing threaded connections**

- Suitable for plastics, plastic compounds (OVC, PVCC; PP, ABS, PE), metal and mixed plastic compounds
- resistant against water treated with chlorine, brine, ozone, glycol, hot and cold water and compressed air
- Suitable for drinking water (WRAS, Engl. norm BS6920)

**Temperature range:** 60°C after 24 hours, 90°C in heaters after 24 hours  
**Max pressure:** 3 bars immediately, 8 bars after 24 hours, 4 bars in heaters after 24 hours  
**Processing temperature:** over 10°C  
**Storage:** unopened and at normal humidity at 5°C to 30°C  
**Storage:** 15 months

Article number	Article	PU
09001	100 g tube	6

- Odourless
- Non-dripping
- Adjustable (1/8 turn within 10 min.)
- Applicable without hemp

# SANITARY AND HEATING EQUIPMENT

## THREAD SEALINGS

### FERMITAN – ANAEROBIC THREAD SEALANT



- Replaces hemp, contains PTFE ✓
  - Suitable for drinking water, (UBA)/DVGW certified\* ✓
  - For cylindrical and conical threads ✓
  - Maximum thread diameter 2 inches and void in the thread 0.25 mm ✓
  - Suitable for metal, steel, stainless steel, copper, copper alloys (bronze, brass, red bronze) ✓
  - 1 bottle for up to 100 threads (75 ml for 1-inch threads) ✓
  - Max pressure: 200 bars after polymerization
- 4 bars after 15 minutes
- 30 bars after 2 hours

18 months guaranteed storability if stored at 5°C to 25°C. Ideal processing temperature min 10°C.

Article number	Article	Temp. range	Rigidity	PU
05001	<b>Fermitan Trinkwasser (75 ml)</b> For the sanitary area & in the installation	-30°C – 150°C (briefly 170°C max) -30°C – 40°C (with copper, bronze, brass, red bronze)	medium	6
05002	<b>Fermitan Heizung (75 ml)</b> For heating circuits in central, oil, and gas heatings, steam/compressed air	-30°C – 110°C (briefly 120°C max)	high	6

\* Only article number 05002 – in accordance with DIN EN 751-1 Class H, DVGW-Reg.No. NG-5146 BU 0219. Also suitable for drinkable water (in accordance with the UBA information from 11 February 2016 "Hygienic assessment of anaerobic adhesives in contact with drinkable water")

### NEO-FERMIT-SETS

Neo-Fermit plus hemp, either with or without Fermit PTFE Tapes. Our all-in-one solution in a handy bag.

- Free of silicon

Article number	Article	PU
01061	90g tube + 50g Mazzoni seal flax	50
01062	150g tube + 2 x FRp tape + 50g Mazzoni seal flax	40





# SANITARY AND HEATING EQUIPMENT

## THREAD SEALINGS

### PTFE-BAND/GOLDEXBAND



#### PTFE thread sealing tape for plastic and metal threads

- Suitable for any sanitary and heating circuits for cold and warm water
- DVGW certified (DIN EN 751-3)

**Can be used at temperatures between:** -60°C and 260°C **Max pressure:** 20 bars  
FRp: DN ≤ 10 / GRp: 10 ≤ DN ≤ 50

- Removable
- Easy and quick to use
- Non-flammable
- No expiry
- Fungal-resistant
- Does not bulge



#### PTFE-Goldex Tape for plastic and metal threads

- DVGW certified (DIN EN 751-3)
- BAM certified
- FDA compliant

**Use a maximum temperature of:** 260°C  
**For oxygen (liquid and gas):** 60°C max

**Max pressure:** 30 bars  
**Max pressure:** 40 bars

Article number	Article	PU
24010	FRp [density 60 g/m²]	250
24011	GRp [density 100 g/m²]	250
33294	GoldexBand [density 142 g/m²]	10

For more PTFE tapes see p. 32.

### PTFE-SEALING THREAD [240°C max]



#### PTFE-Sealing Thread for plastic and metal threads

- DVGW-tested for gas(DIN EN751-3 FRp/GRp), (DIN 30660, tested at 100 bars with gases of gas families 1 – 3 and with hot water (NV-5143BP0261)
- Tested for drinkable water in accordance with KTW recommendations of the German Federal Public Health Office
- up to 45 degrees retractable, tested and certified
- WRAS admission for Great Britain (Ref. 0212515)
- ASTM F423 tested for steam and cold water cycles
- BAM tested (for oxygen, gas: 30 bars max / 100°C, application with lubricants; liquid: 30 bars max / 100°C, application without lubricants)
- Resistant against solvents, acids and aggressive chemicals, fungus, mould and bacteria infestation, enzymatic and microbiological attacks, oxidation.
- UL listed: sealing material 19BN File MH26734, of 1 1/2" max, for pipes in connection with petrol, petroleum, butane, naphtha, gas (< 300 psig)
- KIWA GASTEC Qa (NL): norm. 31, class „20“
- Suitable for solar installations

- With integrated cutting blade
- Does not dry up
- 175 meters
- Stays soft and flexible
- With lubricant in the base (makes application easy)

**Use at temperatures between :** -200°C and 240°C

**Max pressure:** 30 bars / 100°C  
with oxygen, 100 bars with hot water

Article number	Article	PU
24013	Sealing thread 175 m	12

# SANITARY AND HEATING EQUIPMENT

## THREAD SEALINGS

### HEMP/FLAX

#### To be used with sealants

Neo-Fermit Universal, Fermit-Spezial, Hochdruck-Fermit, Fermitol and Solar-Fermit. Improves the stability of the connection under pressure.

**Temperature-resistant up to:** 140°C

Aluminium-Hanf (aluminium hemp): up to 640°C (use with NIVO graphite paste)

#### Mazzoni-Flachs EXTRA (flax heckled and braided)

Article number	Article	PU
24014	100g braid	125
25416	100g flax ball (blistered)	8
24002	200g braid	62
24009	200g Coda 4 (ponytail 4 x 50g)	62
24007	40g bobbin	10
24003	80g bobbin	10
24004	Dispenser for bobbin (80g)	15
24005	40g flax in dispenser	25
24006	80g flax in dispenser	16

#### Mazzoni rein Hanf-Ersatz Spezial (hemp equivalent finely heckled and braided)

Article number	Article	PU
25702	200g braid	62

#### Mazzoni rein Hanf-Ersatz Super (hemp equivalent premium quality)

Article number	Article	PU
25713	200g braid	62

#### Mazzoni-Flachs +GF+ (flax)

Article number	Article	PU
25415	80g bobbin	10
25413	"Flachsi" dispenser (for mobile use)	1

#### Aluminium-Hanf (aluminium hemp)

Article number	Article	PU
25717	AH 601 (fine) 325g pack	1
25718	AH 602 (coarse) 325g pack	1



# SANITARY AND HEATING EQUIPMENT

## INSTALLATION PUTTIES

### PLASTIC-FERMIT



#### Duroplastic, kneadable sealing putty (white), plastic-based for sanitary installations

- Suitable for use in drainage fittings in washbasins and bathtubs.
- For cold and hot water
- Suitable for noise decoupling
- Can be used as levelling compound for sanitary ceramic
- Do not use with marble or natural stones!

- Duroplastic
- Smooth
- Economically and quickly processable
- Does not become brittle
- Excellent adhesion
- Unlimited shelf-life

Temperature range: -10°C to 100°C

Article number	Article	PU
06001	250g can	24
06002	500g can	18
06003	1kg can	12
06004	5kg bucket	1



### AQUA-FERMIT



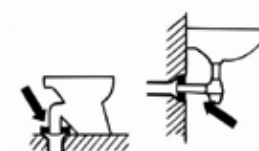
#### Sealing and bushing putty (red) for washbasins and toilet bowls, for sewerage or bushings in underground piping systems

- Do not use with marble or natural stones!

- Duroplastic
- Easily kneadable
- Excellent adhesion without stiffening
- Reliable and safe

Temperature range: -10°C to 100°C

Article number	Article	PU
07001	250g can	24
07002	500g can	18
07004	5kg bucket	1



### PUTTY CORD



#### Permanently elastic sealant for mounting fittings or siphons in washbasins or bathtubs

- For hot and cold water
- Temperature-resistant
- For sealing valve cups

Temperature range: -10°C to 100°C

Article number	Article	PU
06301	8 x 200 mm	250



# SANITARY AND HEATING EQUIPMENT

## SEALING MATERIALS

### FERMITOPP N/E



**Neutral or acetic silicon joint sealant with fungicidal properties for sanitary installations.**

- Non-fading
- Detergent-resistant
- Odourless (N only)
- Suitable for acrylic (N only)
- Reacts with humidity
- Suitable for the sealing of sanitary and wet rooms, in kitchens, for modular furniture
- Does not attack ferrous metal (N only)

- Non-fading
- Flexible
- Detergent-resistant
- Fungicidal

**Temperature range:** -40°C to 120°C **Processing temperature:** 5°C to 40°C

**Storage:** at least 18 months, cool and dry (E)  
at least 15 months, cool and dry (N)

#### fermitopp N

Article number	Article	Colour	PU
16001	310 ml cartridge	white	12
16002	310 ml cartridge	Manhattan grey	12
16003	310 ml cartridge	transparent	12
16009	280 ml cartridge	grey-anthracite	12
16060	100 ml tube	white	8
16061	100 ml tube	Manhattan-grey	8
16062	100 ml tube	transparent	8

#### fermitopp E

Article number	Article	Colour	PU
16010	310 ml cartridge	white	12
16012	310 ml cartridge	transparent	12

**NEW**

### JOINT TOOLS



**Highly flexible joint tools for professionals and DIY**

Three-piece tool set for permanently good-looking joints. For 5 mm, 8 mm, 10 mm, and 16 mm 90° and round joints.

Article number	Article	PU
16037	Set (three pieces, incl. suspension rail)	12



### FERMITOPP AQUARIUM



**Physiologically safe silicon joint sealant**

Permanently elastic silicon sealant with high adhesion for elastically sealing up aquaria, glass cases, glass constructions, underwater glass constructions; for swimming pools, tiles, technical seals.

- Physiologically safe
- High adhesion
- Permanently elastic
- Excellent adhesion on glass

**Temperature range:** -50°C to 230°C

**Processing temperature:** 5°C to 40°C

**Colour:** Transparent

**Storage:** at least 24 months cool and dry

Article number	Article	Colour	PU
16025	310 ml cartridge	transparent	12

# SANITARY AND HEATING EQUIPMENT

## SEALING MATERIALS

### MS POLYMER



#### 100 % invisible – For sealing and mounting

MS Polymer in crystal clear combines aesthetics, performance and versatility. This MS polymer allows you to seal joints on wet surfaces and attach objects weighing up to 20 kg/cm2 without drilling. Being 100% invisible, MS Polymer Glasklar is perfectly suitable for gluing and sealing glass.

**Temperature resistant:** -40°C to 90°C  
**Colour:** transparent

**Procession temperature:** 5°C to 50°C  
**Storage:** at least 18 months cool and dry

- 100% invisible
- For all materials
- Sealing & mounting
- Multiple applications
- Very high adhesion
- Paintable
- No mould growth
- Suitable for frameless shower cubicles

Article number	Article	PU
16040	280 ml cartridge	12

### 360° BEND-AND-TURN CANNULA



#### 360° bend-and-turn cannula, suitable for all standard cartridges

- Applies silicon to every corner
- 12 bags of 2 cannulas on each suspension rail

Article number	Article	PU
16033	Cannula (pack of two) with suspension rail	12
16034	Cannula	100



### EXTENSION FOR CARTRIDGE TIPS

**NEW**



#### Up to 20 cm (2 x 10 cm) more range

- Fits on all standard cartridges and tubes
- Combinable with Fermik 360° Bend-and-Turn Cannula
- Applies your silicon to every corner

Article number	Article	PU
16036	Extension (double pack) with suspension rail	12



### COLLEX-SILICON



#### Sealing Materials

In-situ flat seals for gearboxes, compressors, pumps, induction manifolds ...  
Sealing joints for lighting installations and sealant for electric cable glands.

**Temperature range:** -40°C to 250°C

**Storage:** at least 24 months cool and dry

- Heat-resistant up to 250°C
- Good resistance against engine oils, water and cooling liquids

Article number	Article	Colour	PU
16030	80 ml tube	red	12
16031	80 ml tube	black	12

# SANITARY AND HEATING EQUIPMENT

## LUBRICANTS AND GREASES

### LUBRICANT



#### Synthetic lubricant for plastic tubes

Application in sanitary areas and civil engineering

Procession temperature: -5°C to 40°C  
Colour: white

Storage: 5°C to 25°C  
Storage: 36 months

- Can be mixed with water
- Suitable for drinking water
- For all diameters
- Excellent lubrication and conductivity properties
- Skin-friendly

Article number	Article	PU
21003	30 ml tube	250
21005	150 ml tube with slanted tip	50
21001	250 ml bottle	9
21002	500 ml bottle	6

Complies with the guidelines of TZW Karlsruhe, DVGW, and WRAS

### LUBRICANT FOR EXHAUST GAS SYSTEMS WITH SEALING WASHERS

**NEW**



#### Permanently protects the sealing against corrosion

- Suitable for all exhaust gas systems of any manufacturer

- Acid-free
- Chloride-free
- Made in Germany

Article number	Article	PU
21010	30g tube	25
21011	150 g tube	6

Tested for compatibility with natural rubber

### GLISSA SPEZIAL FITTING GREASE



#### Non-dripping grease for cold and hot water fittings

- Smooth grease for fittings, machines and installations
- Suitable for occasional contact with food

- Non-dripping
- Smooth
- Good corrosion protection
- Good resistance to water
- Reliable

Temperature range: -20°C to 140°C

Storage: 36 months

Article number	Article	PU
15003	14 g tube	60
15002	30 g tube	40
15001	60 g tube	20

Approved in accordance with NSF-H 1, TSCA (US), 98/24 EG, and DIN 51502

### GLISSA SILICON FITTING GREASE



#### Non-dripping grease for drinking water fittings

- For cartridges of single-handle faucets, switch valves, and swivelling outlets
- Water-repellent and physiologically safe

- Suitable for drinking water (hot and cold)
- Compatible with O-rings (NBR, EPDM)
- Hot-water resistant
- Resistant to a range of chemicals
- Neutral, odourless and tasteless

Temperature range: -40°C to 200°C

Storage: 36 months

Article number	Article	PU
15007	3 g bag	On request
15014	7 g tube	80
15015	23 g tube	40
15021	60 g tube	20

Complies with the UBA guidelines for sanitary greases, tested for suitability with drinking water by the Department of Hygiene and approved in accordance with DIN EN ISO 21469. Eurofins, WRAS, NSF H-1



# SANITARY AND HEATING EQUIPMENT

## LUBRICANTS AND GREASES

### GLISSA ALLGAS-TAP GREASE



High quality grease for gas fittings and controlling devices in accordance with DIN EN 377

- Resistant to all gases and mixtures of gases (DVGW worksheet G 260).
- Suitable for greasing tap cocks or sealing elements (membranes, packagings, elastomer sealings etc)

- Synthetic
- Non-dripping
- Smooth
- Suitable for gas fittings

Temperature range: 150°C max

Storage: 36 months

Article number	Article	PU
15012	7 g tube	100
15010	20 g tube	12

Complies with DIN DVGW 96.01e1055

## SANITARY MAINTENANCE

### PTFE-FLAT SEALING TAPE "FA"

#### What is special about "FA" Flat Sealing Tape?

Fermit Flat Sealing Tape has considerable advantages on the operating site and beyond. It **reduces** delays, costs and issues in connection with the acquisition, exchange, storing and mounting of standard sealings.



The special production process of the tape, which consists of 100% expanded polytetrafluorethylene (ePTFE), ensures extremely **reliable sealing properties on flanges, boilers, tube pipes, heat exchangers, ventilating systems, air conditioning systems** and more.

The tape is extremely **flexible** and also **adjusts greater unevennesses** very well. It is also permanently resistant to aggressive chemical processes and guarantees reliable sealing in any applications that require **long durability**.

- Saves time, money and trouble
- Exceptionally reliable and flexible sealing
- Fast, cheap and simple mounting directly on the operating site
- Maximum lifespan, no expiry date
- High pressure resistance / vacuum up to 200 bars
- All approvals (DVGW, BAM, TA-Luft, DIN EN 1355, TÜV)
- Maximum temperature resistance (briefly up to 315°C, otherwise -240°C to 260°C)
- Adhesive strip as mounting aid
- Resistant to all materials <sup>(1)</sup>



(1) Molten or dissolved alkaline metals and elemental fluorine excepted

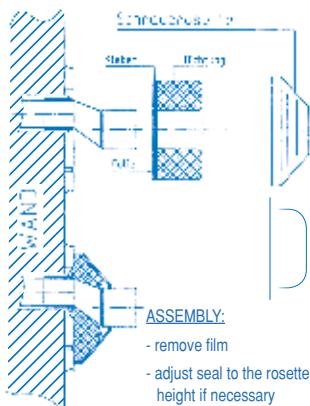
Article number	Width mm x thickness mm	Roll length in meters
44107	7 x 2,5	25
44110	10 x 3	25
44112	12 x 4	10

Available on 10 or 25 meter rolls. Many other dimensions on stock. Without adhesive strip on request.

# SANITARY AND HEATING EQUIPMENT

## SANITARY MAINTENANCE

### WALL FITTING SEALINGS



#### New sealing technology for wall fittings

Suitable for sealing up wall fittings in the sanitary area.  
Prevents penetration of moisture in masonry, plaster and dry constructions ...

Article number	Article	Width	PU
23001	Double pack	20 mm	18
23006	Double pack XL	31 mm	18

- Quick and clean
- Adhesive on one side
- Mountable without any tools
- No need to close up the wall with silicon
- Removable
- No messy roses or S-traps
- No mould



Also as a **XL** sealing!



### FERMITEX

### POWDER/LIQUID

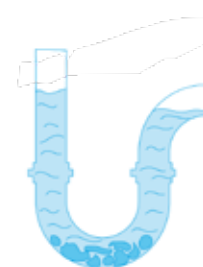


#### Chemical drain cleaner

- Removes blockages easily, fast and reliably
- Destroys bad odours and bacteria
- Does not attack metal, glass or porcelain (except for aluminium, zinc, gold-plated fittings)
- Use suitable preservatives (corrosive!)
- Suitable for thawing frozen drain pipes (powder only)

Article number	Article	PU
12008	500 g can powder	12
12001	1 kg can powder	12
12002	5 kg bucket powder	1
12005	1 l bottle liquid	12

- Soluble in cold water
- Automatic
- Highly efficient
- Rapidly effective
- Easy to use



# SANITARY AND HEATING EQUIPMENT

## SANITARY MAINTENANCE

### SHOWER DOOR SEALS



#### Universal seals for shower doors

For mounting on glasses of 6 to 8 mm

**Lower glass edge:** water-repellent profile with round lip or double lip

**Lateral glass edge:** round lip for swing doors, revolving doors and folding doors or 2 longitudinal profile seals for slide doors

- Transparent
- Easy to mount
- Can be cut to size
- Good adhesion
- Water-repellent

Article number	Article	PU
23010	1 m double lip seal (below)	4
23011	1 m round lip (below)	4
23015	1 m double lip seal, tearable (below)	4

Article number	Article	PU
23012	2 m round lip (lateral)	4
23013	2 x 2 m slide door seal (middle)	4

Article number	Article	PU
23014	2 x 2 m shower door seal with magnetic strip (middle)	4



### PLASTIC SCISSORS



#### Plastic scissors for multiple use

For cutting shower door seals, plastic profiles, connector pipes etc.

Article number	Article	PU
23020	Plastic scissors	1
23021	Replacement blade for scissors	1

- Perfect power transmission
- Exchanging blades without tools
- With INOX blade "made in Solingen"
- Automatic blade retraction

# SANITARY AND HEATING EQUIPMENT

## SANITARY MAINTENANCE



### FERMIT EMERGENCY KIT FOR PIPE DAMAGES

#### First aid sealing kit

Fast, easy and professional emergency aid for pipe damages or for preparing subsequent conventional pipe repair. No tools, soldering or welding! Suitable for all pipe materials and for water and oil pipes.

**Temperature range:** -60°C to 270°C

**Storage:** 36 months minimum

- Sealing up in 30 minutes
- Suitable for almost any pipe material
- No additional tools necessary
- No soldering or welding
- Everything is leak-proof in no time

No 01: Tool kit	No 02: Replacement set A	No 03: Replacement set B	No 04: Replacement set C
<ul style="list-style-type: none"> <li>- 1 x components filling paste 1+2</li> <li>- 1 x emergency repair patch</li> <li>- 1 x sealing bandage (25 x 1800 mm)</li> <li>- 1 x sealing bandage (50 x 3600 mm)</li> <li>- 3 x protective gloves (pair)</li> <li>- 3 x stir stick</li> <li>- 1 x spatula</li> <li>- 1 x brush</li> <li>- 1 x repair instructions</li> </ul>	<ul style="list-style-type: none"> <li>- 1 x sealing bandage (25 x 1800 mm)</li> <li>- 1 x protective gloves (pair)</li> <li>- 1 x repair instructions</li> </ul>	<ul style="list-style-type: none"> <li>- 1 x sealing bandage (50 x 3600 mm)</li> <li>- 1 x protective gloves (pair)</li> <li>- 1 x repair instructions</li> </ul>	<ul style="list-style-type: none"> <li>- 1 x filling paste components 1+2</li> <li>- 3 x stir stick</li> <li>- 1 x spatula</li> <li>- 1 x brush</li> <li>- 1 x protective gloves</li> <li>- 1 x repair patch</li> <li>- 1 x repair instructions</li> </ul>
Article number: 14010	Article number: 14011	Article number: 14012	Article number: 14013
PU: 1	PU: 1	PU: 1	PU:1



# SANITARY AND HEATING EQUIPMENT

## SANITARY MAINTENANCE

### FERMITAPE



#### Multi-functional tape for temporary repairs of hoses, pipes, and tubes

- Self-welding
- Protects edge and protruding parts
- Insulates power supply lines (132 kV max)
- Water and ozone-resistant

- Self-welding
- Good sealing properties
- Long shelf-life
- Resistant to frost and heat
- Suitable for swimming pools

**Temperature resistance:** -40°C to 130°C / water-resistant

**Thickness:** 0,5 mm

**Storage:** 10°C to 30°C

**Max pressure:** 4 bars

Article number	Article	PU
14020	Tape 25 mm x 3	12

### SEALING TAPE (TUB/KITCHEN)



#### Highly elastic sealing tape for clean and visually appealing sealings in the bathroom and kitchen

- Suitable for sealings of bathtub rims, washbasins, showers, kitchen sinks, bathroom furniture, washstands, base cabinets, worktops, urinals.
- Allows for watertight connections in difficult areas

- Easy to apply
- Resilient
- Resistant to water and cleaning agents
- Does not yellow

**Storage:** 36 months

Article number	Article	PU
23040	Tape 10 mm x 3.35 mm	20
23041	Tape 15 mm x 3.35 mm	12
23042	Tape 40 mm x 3.35 mm	12

## SOLDERING AND WELDING

### THERMOSTOP



#### Protects against extreme temperatures on surfaces and sensitive parts

- Absorbs heat generated by welding and soldering
- Protects sensitive components
- Prevents sealings from becoming loose
- Minimises the expansion of parts
- Only for surfaces cleaned with water
- Suitable for metal parts, plastic parts, wood, paint, paper, glass, concrete, natural stones, enamel, acrylic surfaces

- Transparent
- Odourless
- Non-toxic
- Does not spread
- Absorbs heat
- Suitable for a wide range of materials

**Storage:** 18 months

Article number	Article	PU
19001	1 l spray bottle	6

# SANITARY AND HEATING EQUIPMENT

## HEATING MAINTENANCE

### GRAFITPASTE NIVO - FLEXOPERM



#### Highly heat resistant sealing paste for threaded and flange connections

Prevents sealings, bolts, screws etc exposed to strong heat from sticking. Spread the paste on flange and surface sealings. If used as sealant (DIN 2999) at more than 160°C, the additional use of aluminium hemp is recommended.

- Protects against rust
- Highly heat resistant
- Versatile
- Reliable and safe

Temperature range: 0°C to 300°C

Article number	Article	PU
13001	500 g can	1

### 3D-KITT



#### Liquid sealant for small leaks

3D-KITT closes inside pores, cracks, or sealing damages on boilers, radiators, pumps, cylinder blocks, and car radiators. Absolutely resistant to water and steam pressure.

3D-KITT is not suitable for sealing especially tight vents such as thermostat valves.

- Good value for money
- Versatile
- Easy to use

**Application quantity:** 1 kg 3D-Kitt for 150 l heating water  
**Storage:** 60 months

Article number	Article	PU
14001	1 kg bottle	1

### 3D-KITT SUPER



#### Liquid for leakages; for sealing up cracks and minor leaks.

3D-KITT SUPER closes pores, cracks and sealing damages on boilers, radiators, pumps, cylinder blocks, and car radiators. From the inside absolutely resistant against water and steam pressure. Removes the porosity of pipes and metal connections without disassembly of the components. **3D-KITT SUPER is also suitable for use in floor heatings. Does not attack the seals of the heater nipples. After filling turn the heater to 80°C for 2 to 3 hours.** Not suitable for steam boilers!

- Glycol antifreeze-compatible
- Also compatible with cast iron, steel, aluminium, copper PVC-C
- Does not clog up the heating systems
- Versatile
- Reliable and safe

**Application quantity:** 1-2 kg 3D-KITT SUPER for ca. 100 l heating water  
For details see technical data sheet  
**Storage:** 18 months

Article number	Article	PU
14003	2 kg canister	1

# SANITARY AND HEATING EQUIPMENT

## HEATING MAINTENANCE

### BURNER CLEANER



#### Cleaner for oil burners

This burner cleaner is an agent for cleaning oil burners. It removes grease and soot depositions on burner heads and filters. It is non-corrosive and does not attack the coating.

**Storage:** at least 24 months unopened

Article number	Article	PU
18001	500 ml spray bottle	6

- Suitable in undiluted form for cleaning metal parts
- Without any chlorinated solvents
- Compatible with all plastics

### COMBUSTION CHAMBER DECOKER



#### Cleaning agent for combustion chambers of oil and gas heaters

This combustion chamber decoker is an agent for cleaning and maintaining combustion chambers of oil, gas and mixed heaters. It removes soot depositions, sulphurous encrustations, and burns out dust in the combustion chamber and fireplace. It improves the heating power and slows down the formation of new depositions.

**Storage:** at least 36 months unopened

Article number	Article	PU
18002	500 ml spray bottle	6

- Ready for use
- No disassembly, no brushing
- Improves the efficiency of the system
- Slows down the formation of new encrustations
- Does not cause corrosion in metals

### LEAK DETECTOR SPRAY/LEAK DETECTOR SPRAY -15°C



#### Leak detecting agent with corrosion protection

For detecting leaks and the smallest hair cracks. Can be used in high, medium and low pressure environments. Suitable for any device, for tank systems, cooling and heating coils, fittings, taps, valves, pressure gauges, and controls. Does not cause corrosion. Free of oil, grease, aliphatic acids and all kinds of soap solids. DIN-DVGW approved. Skin friendly, non-toxic and almost odourless. Leak Detector -15°C is suitable for frost application in winter.

Article number	Article	PU
18240	400 ml can	12
18269	5 l canister (liquid)	1
18264	400 ml can -15°C	12
18252	5 l canister (liquid) -15°C	1

- DVGW-approved
- Biodegradable

# SANITARY AND HEATING EQUIPMENT

## HEATING MAINTENANCE

### ADAPTER MANOMETER STOPCOCK



Consists of a 60-cm flexible filling hose. Fitted on one side with screw cap Vg8 for the test valve on the expansion vessel, on the other side with ball valve 7/16-28 UNEF. Thread for the refill bottle and a pressure gage with 40 mm diameter, class 1.6.

**Pressure range:** 0-4 bars / flexible, resilient connecting hose  
Solid Vg8 screw cap

Article number	Article	PU
18011	Adapter Manometer Stopcock	1

- Test and refill adapter for filling gas
- Adapter for connecting the vessel filler to the diaphragm expansion vessel

### BURNER CLEANER



Special cleaner for removing oil, soot, wax, resins and persistent dirt on any burner parts. Ideal for maintenance, reduces energy costs.

Article number	Article	PU
18006	500 ml can	12

- Also protects against corrosion
- Prevents new depositions
- Non-residue cleaning
- Not suitable for varnished surfaces, plastics
- Silicon-free

### VESSEL FILLER



Special product for checking and supplementing the pressure pad in diaphragm expansion vessels of heating and oil supply systems.

Article number	Article	PU
18010	400 ml can	12
18012	400 ml can (not inflammable)	12

- Prevents corrosion in the pressure vessel
- To be used in connection with a suitable adapter



# SANITARY AND HEATING EQUIPMENT

## PRODUCTS FOR PVC PIPE INSTALLATIONS

### FERMITAC HT PLUS PVC-ABS GLUE



#### Glue for any PVC and ABS

Suitable for PVC-U, PVC-C, soft PVC, white PVS and ABS pipes. It is green and does not spread. Resistant against hot and cold water, drinking water, wastewater, soapy water and most chemicals.

**Viscosity:** 3000 +/- 1000 mPa.s

**Processing temperature:** 5°C to 35°C

**Temperature resistance:** permanently up to 95°C, briefly up to 110°C

**Storage:** 24 months

- Without CMR substances (carcinogenic, mutagenic, reprotoxic)
- Without THF (solvent tetrahydrofuran)
- Gel, does not spread

Article number	Article	PU
22110	250 ml bottle with brush	6
22111	1 l bottle	4

Suitable for drinking water applications in accordance with ACS: EUROFIN 15 CLP NY 059; Complies with DIN EN 14814 and DIN EN 14680.

### FERMITAC PVC-U GLUE



#### Universal rigid PVCU glue for pressure and drainage systems

Suitable for the connection of rigid PVC pipes for cold and hot water and drain pipes, pressure pipes and underground PVC pipes.

**Processing temperature:** 5°C to 35°C

**Temperature range:** to 90°C

**Cure time:** Ø < 90 mm = 1 hour, Ø > 90 mm = 24 hours

**Colour:** Transparent

**Storage:** 24 months

for Ø of 25-315 mm (at → 160 mm work with 2 persons)

for pressure of up to 25 bars (for different pressure contact the manufacturer).

- Gel
- Does not drip
- Does not spread
- Effective after one hour
- Almost odourless
- Clean
- Easy to use
- Without THF (solvent tetrahydrofuran)

Article number	Article	PU
22106	125 ml bottle	12
22102	125 ml tube	Auf Anfrage
22103	250 ml bottle with brush	12
22104	500 ml bottle with brush	12
22105	1 l bottle with brush	6

Complies with European Adhesive Standards, DIN 14680, DIN 14814, and CSTB

### FERMITAC CLEANER



#### For cleaning any PVC and ABS connections

This product removes dirt and grease from the surface, prepares the surface and helps to improve adhesiveness.

**Storage:** 24 months

- Easy to use
- Immediately effective
- Reliable and safe

Article number	Article	PU
22001	125 ml bottle	12
22003	1 l bottle	6

# FURNACE AND FIREPLACE EQUIPMENT

## FIREPROOF PRODUCTS

### FIREPROOF BURNER PUTTY FROSCHMARKE



#### Silicate-based sealing putty

Non-shrinking fireproof boiler putty, e.g. for sealing up against smoke gases in boiler systems, furnaces, and cookers.

**Temperature resistance:** 1000°C

**Storage:** cartridge 12 months, can 24 months

- Easy to process
- Asbestos-free
- Non-shrinking
- Good sealing properties
- Good adhesive properties on metal and other materials
- Non-crumbling

Article number	Article	PU
11001	250 g can	24
11002	500 g can	24
11003	1 kg can	18
11005	6 kg bucket	1
11006	20 kg bucket	1
11007	310 ml cartridge	12

### FIREPROOF BURNER PUTTY SUPER +1300 °C



#### Silicate-based sealing putty

Black putty for high-temperature ovens for mounting and assembling furnaces, fireplaces, cookers, boiler systems and for repairing cracks.

**Temperature resistance:** 1300°C

**Storage:** cartridge 30 months

- Easy to process
- Asbestos-free
- Non-shrinking
- Good sealing properties
- Good adhesive properties on metal and other materials
- Non-crumbling

Article number	Article	PU
11127	310 ml cartridge	12

Other quantities on request!

### FIRECLAY GLUE HT 1100/FURNACE CORD GLUE



#### Glue for fireproof components

Fireclay Glue HT 1100/Furnace Cord Glue for gluing fireproof components and mounting sealing cords, insulation boards, sleeves, cladding tubes, fire clay parts.

Let dry at least 48 hours.

For complete curing heat up to 200°C.

Complete curing is guaranteed at approx. 300 – 350°C

- Excellent adhesive properties
- Very high temperature resistance
- Smoke-tight
- Smooth in application

**Temperature resistance:** 1100°C

**Glue colour (cartridge):** : beige

**Glue colour (tube):** : black

**Storage:** 24 months cool and dry in closed original packaging

Article number	Article	PU
11301	310 ml cartridge beige	12
11302	17 ml tube black	160

# FURNACE AND FIREPLACE EQUIPMENT

## FIREPROOF PRODUCTS

### FIRECLAY MORTAR



#### Ceramic, fireproof mortar

Ready-for-use fire clay mortar for repairs of all kinds. Curing after the impact of heat (ceramically binding). Fireproof mortar for bricking up fireplaces, tiled stoves, cookers and barbecue areas.

**Storage:** 18 months  
**Temperature resistance:** 1600 °C  
**Processing time:** approx. 30 mins. to 2 hours

Article number	Article	PU
11309	1 kg can	8
11310	3 kg bucket	1

- For indoor and outdoor use
- Protects the furnace against rainfall
- High adhesive properties
- Easy to use and process
- Non-inflammable
- Mixing ratio: 25 l water/100 kg

### FIRE CEMENT



#### Hydraulically setting fire mortar

Fireproof mortar for repairs of all kinds. Completely curing in air (hydraulically setting). Fireproof mortar for bricking up fireplaces, tiled stoves, cookers, and barbecue areas.

**Storage:** 18 months  
**Temperature resistance:** 1250 °C  
**Processing time:** approx. 2-3 hours  
**Application:** let dry for at least 2 tot 3, better 7 days, then fire up slowly.

Article number	Article	PU
11311	3 kg bucket	1

- For indoor and outdoor use
- Protects the furnace against rainfall
- High adhesive properties
- Easy to use and process
- Non-inflammable
- Mixing ratio: 20 l water/100 kg

### GLASS FIBRE-ROUND CORD / FABRIC TAPE

#### Glue with glass fibre round cord / fabric tape

Use: e.g. for sealing fireplace and furnace doors.  
 Glass fibre round cord and fabric tape 2.5 meters long.

**Temperature range:** glue 1100°C / glass fibre cord or tape 550°C  
**Colour tube:** black  
**Colour glass fibre cord:** white  
**Storage glue:** 24 months cool and dry in closed original packaging

Article number	Article	PU
11554	6 mm set (cord + glue)	100
11555	8 mm set (cord + glue)	100
11556	10 mm set (cord + glue)	50
11557	12 mm set (cord + glue)	50
11558	10 x 3 mm set (cord + glue)	100
11560	6 mm cord	100
11561	8 mm cord	100
11562	10 mm cord	50
11563	12 mm cord	50
11564	10 x 3 mm tape	100

Graphited cord / tape on request!

- Excellent adhesion
- Very high temperature resistance
- Smoke-tight

# FURNACE AND FIREPLACE EQUIPMENT

## FIREPROOF PRODUCTS

### GLASS FIBRE ROUND CORD / SQUARE TAPES / TAPES

High-quality and heat-resistant glass fibre. Excellent flexibility, resilient to most acids or brines. Resistant against solvents.

- Easy to apply
- Excellent temperature resistance
- Smoke tight

**Temperature resistance:** 550°C

**Colour:** white or graphite

**Storage:** 60 months max.



Article number	Type	Diameter / dimensions in mm	Colour	PU in meters (on reels)
11531	round cord	5	white	100
11532	round cord	6	white	100
11533	round cord	8	white	100
11534	round cord	10	white	100
11535	round cord	12	white	100
11536	round cord	14	white	50/100
11537	round cord	20	white	25/50
11590	round cord	5	graphite	100
11580	round cord	6	graphite	100
11581	round cord	8	graphite	100
11582	round cord	10	graphite	100
11583	round cord	12	graphite	50/100
11591	round cord	14	graphite	50/100
11595	round cord	16	graphite	50/100
11592	round cord	20	graphite	50/100
11593	round cord	25	graphite	25/50
11573	square	6 x 6	white	50/100
11574	square	8 x 8	white	50/100
11575	square	10 x 10	white	25/50
11576	square	12 x 12	white	25/50
11577	square	15 x 15	white	20
11614	square	17 x 15	white	25
11578	square	20 x 20	white	20
11611	square	22 x 15	white	25
11613	square	22 x 22	white	25
11568	adhesive tape	10 x 2	white	50/100
11570	adhesive tape	10 x 3	white	100
11571	tape	10 x 3	white	100
11572	tape	13 x 3	white	50/100
11569	adhesive tape	20 x 2	white	25/50
11540	tape	20 x 3	white	50
11610	adhesive tape	25 x 2	white	50
11551	adhesive tape	20 x 3	white	50
11542	tape	30 x 3	white	50
11543	tape	40 x 3	white	50
11545	tape	50 x 3	white	50
11548	adhesive tape	50 x 3	white	50
11546	tape	60 x 3	white	50
11547	tape	80 x 3	white	50
11584	tape	8 x 3	graphite	100
11585	adhesive tape	8 x 3	graphite	100
11587	adhesive tape	10 x 2	graphite	25
11594	tape	10 x 3	graphite	100
11596	adhesive tape	10 x 3	graphite	100
11588	tape	13 x 3	graphite	100
11589	adhesive tape	13 x 3	graphite	50
11597	adhesive tape	20 x 3	graphite	50
11598	adhesive tape	30 x 3	graphite	50

Other dimensions on request!



# FURNACE AND FIREPLACE EQUIPMENT

## SEALANTS

### FERMITOPP HN 300 (FIRE PROTECTION SILICON B1)



#### High temperature-resistant, neutrally cross-linked, elastic one-component silicon sealant

Fermitopp HN 300 is used for sealing up expansion joints on heating channels, furnaces, reactors, fireplaces and more. Suitable for sealing up fire-resistant vitrifications and connecting joints of all kinds.

- High temperature-resistant
- Odourless
- Resistant to hot air
- Reliable and safe
- UV resistant
- Colour-fast
- Anti-fungicidal

**Temperature resistance:** -50°C to 250°C

**Procession temperature:** 5°C to 40°C

**Skin formation:** approx. 10 mins.

**Curing:** approx. 2 mm per day

**Storage:** 12 months cool and dry

Article number	Article	PU
16004	310 ml cartridge red	12
16005	310 ml cartridge black	12
16007	310 ml cartridge white	12

Tested in accordance with DIN 4102 Fire Rating Class/ B1 = low flammability

### FERMITOPP HE 300



#### High temperature resistant, vinegar-crosslinked, elastic one-component silicon sealant

Fermitopp HE 300 is used for sealing up expansion joints on heating channels, furnaces, reactors, fireplaces and more.

- High temperature-resistant
- Resistant to hot air
- Reliable and safe
- UV resistant
- Colour-fast

**Temperature resistance:** -50°C to 250°C (peak temperature: 300°C)

**Procession temperature:** 5°C to 40°C

**Skin formation:** approx. 10 mins.

**Curing:** approx. 2 mm per day

**Storage:** 12 months cool and dry

Article number	Article	PU
16013	310 ml cartridge red	12
16014	310 ml cartridge black	12

## CARTRIDGE GUN



#### Cartridge spray gun with toothed rack

Rigid, toothed push rod for pressing out standard 310 ml cartridges (silicon, glue, boiler putty etc)

- Easy to use
- Fast and clean
- Rigid construction

Article number	Article	PU
17002	putty spray gun	1

# FURNACE AND FIREPLACE EQUIPMENT

## MAINTENANCE FIREPLACES & FURNACES

### FIREPLACE GLASS CLEANER



#### Extremely efficient fireplace cleaner

This fireplace glass cleaner is used for removing soot, tar, coal dust, grease residues etc on furnace glass panels and fireplace panes and also for ovens, cookers, grills, wire racks and heating plates (except for aluminium).

- Excellent soot, tar and grease remover
- Suitable for metal, cast iron, glass etc
- Easy and efficient use
- With safety catch

**Storage:** at least 36 months unopened

Article number	Article	PU
11501	500 ml spray bottle	6

### BLACK LEAD



#### Maintenance product for cast iron parts

Black lead gives cast iron or ferrous metal parts of cookers or grill a new look. Protects cast iron and metal parts and inserts of ovens, cookers and grills. Use economically and polish completely.

- Cream-like
- Easy to apply with a cloth
- Gives cast iron a natural patina-like look
- Odourless

**Storage:** Ungeöffnet mindestens 48 months  
**Colour:** schwarz

Article number	Article	PU
11502	220 ml can	6
11500	100 ml can	6

### DECOKING POWDER



#### For furnaces and fireplaces

Suitable for removing soot and tar in fireplaces, ovens, boilers, inserts, and chimneys. Removes tar depositions by drying. Depositions are not flammable. Approx. 30 dosing units.

- Efficiently removes soot and tar depositions
- Suitable for ovens heated with coal, heating oil or firewood
- Suitable for open-hearth fireplaces and fireplace inserts
- Easy to use

**Storage:** 36 months unopened

Article number	Article	PU
11503	900 g can	12

### DECOKING PELLETS



#### 2 in 1: heats and cleans furnaces and boilers at the same time

- Optimum maintenance
- Improves efficiency
- Residue-free burning of tar depositions in exhaust pipes and devices in pellet furnaces

- Once added, they heat and clean heat exchangers and exhaust pipes simultaneously
- Improve efficiency and minimise fire risks

**Storage:** unopened at least 36 months between 5°C and 30°C

Article number	Article	PU
11517	1.500 g bag	8

# FURNACE AND FIREPLACE EQUIPMENT

## SUPPLIES FOR FIREPLACES AND FURNACES

### FIRE LIGHTER WOOL



#### From wood and wax

This fire lighter wool allows for easy and fast combustion and is used for lighting a fire (e.g. fireplace, furnace, grill)

**Storage:** dry and at 45°C max

Article number	Article	PU
11505	Box (32 units)	12

- Easy to light
- From wood and wax
- Burns for 8-10 minutes
- Odourless
- Safe, efficient and clean

### FIRE LIGHTER GEL



#### Alcohol-based fire lighter gel

This fire lighter gel allows for easy and fast combustion and is used for lighting a fire (e.g. fireplace, furnace, grill).

**Storage:** at a temperature between 5°C and 25°C, storable for at least 60 months at 20 °C (in original packaging)

Article number	Article	PU
11514	1 l bottle	12

- Easy to light
- Odourless
- Safe, efficient and clean

### FIRE LIGHTER CUBES



#### Cubes from wood fibre and plant oil

The firelighter cubes allow for easy and fast combustion and are used for lighting a fire (e.g. fireplace, furnace, grill).

**Storage:** store dry and at 50°C max, storable for at least 120 months at 20°C (in original packaging)

Article number	Article	PU
11507	24 cubes in one piece	24 (12x2)

- Easy to light
- Odourless
- No soot formation
- Economical
- Safe, efficient and clean

# INDUSTRY EQUIPMENT

## PTFE THREAD SEALINGS

### THREAD TAPES (from pure, unsintered PTFE)









#### Thread sealing tapes from 100% pure unsintered PTFE

Chemical resistance against aggressive materials. Do not become brittle, swell or stick together. Do not contain any oil or grease. Prevent rusting (easy to remove after years even with steel screws in aluminium).

- Dismountable
- Easy and quick to use
- Not flammable
- No expiry date
- Fungus-resistant

Einsatzbereich Temperatur: -240°C to 260°C

Max. pressure: 20 bars, oxygen 60°C max and 30 bars. Liquid and gas

Article	Article-Nummer	Tests / Approval				Dimensions		Thick-ness in mm	Densi-ty in g/m <sup>2</sup>	PU
		DIN/DVGW	BAM/Oxygen	FDA	WRAS	Width (mm)	Length (m)			
FRp / GRp		33211	✓	✓		12	12	0,1	60	250
		33212	✓	✓		12	12	0,1	100	250
1211 / IB / IBN		33204	✓			12	12	0,1	60	250
		33245	✓	✓		12,7	10	0,1	115	250
		33260	✓	✓	✓	12,7	12,2	0,1	125	250
1280		33218			✓	12	12	0,08	40	250
		33220			✓	19,1	12	0,08	40	175
		33225			✓	25,4	10	0,08	40	125
Golden / Goldex		33298	✓	✓	✓	6,3	13,3	0,1	142	10
		33294	✓	✓	✓	12,7	13,3	0,1	142	10
		33297	✓	✓	✓	12,2	33	0,1	142	10
		33299	✓	✓	✓	19,1	13,3	0,1	142	10
1210		33206	✓			6,3	12	0,1	40	250
		33207	✓			9,6	12	0,1	40	250
		33203	✓			12	12	0,1	40	250
		33222	✓			19,1	12	0,1	40	175
		33227	✓			25,4	12	0,1	40	125
1210		33205	✓			12	50	0,1	40	10
		33223	✓			19,1	50	0,1	40	10
		33228	✓			25,4	50	0,1	40	10
1220		33233	✓			12	5	0,2	40	10
		33231	✓			19,1	5	0,2	40	10
		33232	✓			25,4	5	0,2	40	10
		33230	✓			50,8	5	0,2	40	10
1220		33226	✓			25	20	0,2	40	10



# INDUSTRY EQUIPMENT

## PTFE PACKING CORDS, PACKING EXTRACTORS AND CERAMIC FIBRE PACKINGS






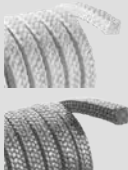
**High elasticity** – Excellent adaptivity to the properties of the packing gland.

**Low friction coefficient** – Less friction heat and less wear and tear.

**Better thermal conductivity** – Longer lifespan of the packing through better heat dissipation

**Less shrinking** – Better sealing properties while in use

**Less tension loss** – Reduced maintenance and/or repairs

Article	Article number	Tests / Approval		Dimensions in mm Diameter	Roll length in meters
		BAM/Oxygen	FDA		
<b>Bonnapack "E"</b> Round cord Extruded PTFE 	43901		✓	1	100
	43903		✓	1,5	20
	43905		✓	2	20
	43907		✓	2,5	20
	43911		✓	3	20
	43913		✓	4	20
	43915		✓	5	20
	43917		✓	6	10
	43919		✓	7	10
	43921		✓	8	10
<b>Bonnapack "G"</b> Round cord Wattled Extruded 	43958	✓	✓	5	10
	43960	✓	✓	6	7,5
	43964	✓	✓	8	5
	43968	✓	✓	10	5
	43972	✓	✓	12	5
<b>Bonnapack "S"</b> Square 	Article number	Material	Type	Density	Standard dimensions in mm
	52005	PTFE	2005	1,7	3, 4, 5, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 25
	52024	PTFE	2024	1,9	
	52007	PTFE	2007	1,6	Standard packaging on roll
	52004	Aramid	2004	1,5	3-5 mm= 1kg; 6-10mm= 2kg; 11-14mm= 3kg; 15-20mm= 5kg; 22-25,4mm= 10kg (bundle)
	52026	Glass	2026	2	
<b>Packing Extractor</b> 	Article number	Article	Type	mm	PU
	51101	With exchangeable tip	F 1	6-8	1
	51102	With exchangeable tip	F 2	10-12	1
	51103	With exchangeable tip	F 3	13-18	1
	51110	Packing extractor set with exchangeable tips	F 1 - F 3		1
<b>Ceramic fibre round cord (twisted)</b> 	Article number			Diameter in mm	Roll length in m
	64206			6	100
	64208			8	100
	64210			10	100
<b>Ceramic fibre Square</b> 	64406			6*6	100
	64408			8*8	100
	64410			10*10	100
	64412			12*12	50
	64414			14*14	50
	64415			15*15	50
	64416			16*16	50
	64418			18*18	50

Other dimensions on request.

# INDUSTRY EQUIPMENT

## PTFE FLAT SEALS/O-SEALS

### ePTFE SEAL TAPE/O-SEAL (FA/R/FB/FD/FH)

Bonnatex is a seal tape from 100% pure, mono-directionally or multi-directionally (FD only) expanded PTFE. This is the universally applicable seal tape on rolls and quickly adapts to any shape, regardless of flange size or complexity. It has superb density properties and is a universal seal with an extremely wide range of applications. It is easy and quick to mount. Because of its outstanding ductility and flexibility, it is especially suitable for levelling up major unevenness and damaged sealing surfaces as well as for all pressure and tension-sensitive connections in which only small contact pressure can be applied. Typical applications are sealing-up of flange connections, housing seals of pumps, transmissions, compressors, sealing up of handholes and manholes, ventilation systems, heat exchangers, in apparatus engineering and in smoke gas systems.



Article	Article number	Tests / Approvals			
		DIN/DVGW	BAM/Oxygen	FDA	TA-Luft
Bonnatex FA (density 0.65 g/cm³) mono-directionally expanded	44103	✓	✓	✓	✓
	44105	✓	✓	✓	✓
	44107	✓	✓	✓	✓
	44110	✓	✓	✓	✓
	44112	✓	✓	✓	✓
	44114	✓	✓	✓	✓
	44117	✓	✓	✓	✓
	44120	✓	✓	✓	✓
Bonnatex R O-seal (density 0.65 g/cm³) mono-directionally expanded	44161	✓	✓	✓	✓
	44163	✓	✓	✓	✓
	44168	✓	✓	✓	✓
	44167	✓	✓	✓	✓
	44170	✓	✓	✓	✓
Bonnatex FB (density 0.65 g/cm³) mono-directionally expanded	44300	✓	✓		✓
	44301	✓	✓		✓
	44310	✓	✓		✓
	44311	✓	✓		✓
	44320	✓	✓		✓
	44321	✓	✓		✓
	44330	✓	✓		✓
	44331	✓	✓		✓
	44332	✓	✓		✓
Bonnatex FD (density 0.65 g/cm³) multi-directionally expanded	43102		✓	✓	✓
	43104		✓	✓	✓
	43106		✓	✓	✓
	43110		✓	✓	✓
	43120		✓	✓	✓
	43122		✓	✓	✓
	43124		✓	✓	✓
	43152		✓	✓	✓
	43154		✓	✓	✓
	43156		✓	✓	✓
Bonnatex FH (density 1 g/cm³) mono-directionally expanded	44181			✓	
	44182			✓	
	44185			✓	
	44186			✓	
	44188			✓	
	44190			✓	
	44195			✓	

## PTFE FLAT SEALS/O-SEALS

### ePTFE DICHTUNGSBAND/RUNDDICHTUNG (FA/R/FB/FD/FH)

Bonnatex seal tape does not age, is physiologically friendly and extremely pressure-resistant (vacuum up to 200 bars). It is furthermore resistant to all materials in the pH range from 0 to 14 (with the exception of dissolved alkali metals as well as elemental fluorine at higher temperatures and pressure). The thermal resistance is between - 240°C and 260°C, briefly up to 310°C. While Bonnatex FH has the highest density among the mono-directionally expanded seals, Bonnatex FD is the most high-end seal tape from multi-directionally expanded PTFE. It has the lowest flow rate of all flat seal tapes and has thus a high longitudinal and diagonal stability. Hence there is hardly any expansion of the tape while being pressed. Bonnatex R is the O-tape equivalent to Bonnatex FA flat seal.

Tests / Approvals		Dimensions in mm		Roll length in meters
WRAS	EU 1935/2004	Width	Thickness	
✓	✓	3	1,5	25
		5	2	25
		7	2,5	25
		10	3	25
		12	4	10
		14	5	10
		17	6	5
		20	7	5
		Diameter in mm		
✓	✓	1		50
✓	✓	3		25
✓	✓	5		25
✓	✓	7		25
✓	✓	10		10
		Dimensions in mm		
		25	0,5	10
		50	0,5	10
		25	1	10
		50	1	10
		25	2	10
		50	2	10
		25	3	10
		50	3	10
		100	3	10
	✓	10	2	10
	✓	15	2	10
	✓	20	2	10
	✓	30	2	10
	✓	10	3	10
	✓	15	3	10
	✓	20	3	10
	✓	10	6	10
	✓	15	6	10
	✓	20	6	10
	✓	30	9	10
✓	✓	3,2	0,3	25
✓	✓	3,2	0,7	25
✓	✓	4	2,5	25
✓	✓	6	4,6	10
✓	✓	8	5,5	10
✓	✓	10	7	10
✓	✓	15	6	10



# INDUSTRY EQUIPMENT

## PTFE FILMS AND PTFE SHEETS

### PTFE FILMS



Virgin PTFE films in a wide range of designs for multiple applications in e.g. the chemicals industry. Pure PTFE film has the highest chemical durability and non-porosity as well as a high temperature resistance and good dielectric strength. The film has outstanding anti-friction properties and is anti-adhesive. Adhesives, resins or dirt do not stick. The film is used in the production of chemical seals, lining of containers, for condensers and coils.

- Strongly anti-adhesive surface
- Minimum sliding friction coefficient
- Excellent chemical resistance
- Non-toxic
- High dielectric strength
- Small thermic expansion

The PTFE film is available as non-adhesive and adhesive as well as etched on one side. It is also prepared for bonding. We are happy to advise you which film meets your requirements. We also stock virgin PTFE glass fabric, non-adhesive/adhesive or etched on one side.

Standard thickness: 0.08 / 0.13 / 0.15 / 0.25 / 0.35

**Customised production: different thicknesses, widths, roll lengths and PUs on request.**

### BONNATEX "FD 08"- PTFE SHEETS



#### PTFE sealing sheets

From virgin, multi-directionally expanded PTFE.

Temperature range: -240°C to 260°C / briefly up to 315°C /  
Pressure range: vacuum up to 300 bars (depending on operating situation and installation).

- Universally usable
- Cuttable and punchable
- High temperature resistance
- No ageing
- High chemicals resistance
- Weatherproof
- 100% pure PTFE without bulking agents, adhesives or dye
- Extremely low setting behaviour
- Light-fast

#### BonnaTex "FD 08"- multiaxial construction D/0.8 (cuttable & punchable)

Article Nr.	Tests / Approvals	Thicknesses mm	Width x length mm x mm	PU
41729	2, 3, 4	0,5	1500 x 1500	Piece
41730	2, 3, 4	1,0	1500 x 1500	Piece
41731	2, 3, 4	1,5	1500 x 1500	Piece
41732	2, 3, 4	2,0	1500 x 1500	Piece
41733	2, 3, 4	3,0	1500 x 1500	Piece
41734	2, 3, 4	4,0	1500 x 1500	Piece
41735	2, 3, 4	5,0	1500 x 1500	Piece
41736	2, 3, 4	6,0	1500 x 1500	Piece

Other dimensions on request!

Tests/Approvals: 1: DIN/DVGW, 2: BAM/Oxygen, 3: FDA 21 CFR conform, 4: TA-Air tested



## SPRAYS: GREASING/MOUNTING/MAINTAINING



<b>Anti-Seize Aluminium Paste Spray</b> <p>High-performance spray to protect against corrosion, seizing up, sticking and wear and tear. For exhaust systems, connections, for oil and gas burners, screw and plug connections.</p> <p>Art.-Nr.: 70268   PU: 12   Contents: 400 ml</p>	<b>Anti-Seize Copper Paste Spray</b> <p>High-quality, high-performance lubricant, adherent and grease with excellent adhesive properties. For greasing when mounting screw and plug connections as well as for jacks, pins and tappets.</p> <p>Art.-Nr.: 70267   PU: 12   Contents: 400 ml</p>	<b>Vessel Filler Spray</b> <p>Special product for checking and complementing pressure paddings in diaphragm expansion vessels of heating and oil supply systems.</p> <p>Art.-Nr.: 18010   PU: 12   Contents: 400 ml</p>
<b>Vessel Filler Spray (non-flammable)</b> <p>Special product for checking and complementing pressure paddings in diaphragm expansion vessels of heating and oil supply systems.</p> <p>Art.-Nr.: 18012   PU: 12   Contents: 400 ml</p>	<b>Adhesive Grease Spray</b> <p>Excellent adhesive transparent lubricant for industrial use in roll and sleeve bearings, joints, levers, gear units, chains and ropes. Also suitable for underwater use and wet areas.</p> <p>Art.-Nr.: 70265   PU: 12   Contents: 400 ml</p>	<b>Chain and Rope Spray</b> <p>Transparent high-performance adhesive lubricant for the maintenance of highly stressed chain and rope constructions. Prevents wear and friction.</p> <p>Art.-Nr.: 70260   PU: 12   Contents: 400 ml</p>
<b>Multi-Purpose Oil Spray</b> <p>Universal lubricant with outstanding creep ability and meshing effect for corrosion prevention, lubrication, preservation and water dispersion. To be used universally.</p> <p>Art.-Nr.: 70262   PU: 12   Contents: 400 ml</p>	<b>Cutting Oil Spray</b> <p>Outstanding separation and cooling effect, extraordinary creep ability. For all drilling and cutting tools, for pneumatic machines.</p> <p>Art.-Nr.: 70266   PU: 12   Contents: 400 ml</p>	<b>Silicon Spray</b> <p>Grease and oil-free lubricant, release agent, preservative and maintenance product for metal, plastics, rubber, leather, chrome.</p> <p>Art.-Nr.: 70254   PU: 12   Contents: 400 ml</p>
<b>Grease Spray White</b> <p>For the lubrication of highly stressed components and glide surfaces. Suitable for long-term lubrication of cogwheels, roll and sleeve bearings.</p> <p>Art.-Nr.: 70264   PU: 12   Contents: 400 ml</p>	<b>White Oil Food Industry Spray</b> <p>For use on machines in the food industry with occasional contact to food.</p> <p>Art.-Nr.: 70263   PU: 12   Contents: 400 ml</p>	<b>Cogwheel Spray</b> <p>For the lubrication of cogged wheels, toothed rags, track bearings, wire ropes, machines and more.</p> <p>Art.-Nr.: 70255   PU: 12   Contents: 400 ml</p>

# INDUSTRY EQUIPMENT

## SPRAYS: SURFACE PRESERVATION/CORROSION PREVENTION



<b>Aluminium Spray</b> Light silver, shiny corrosion protection for all metal surfaces. Resistant to weather influences and diluted acids and bases. Use in exhaust systems, heat pipes in tiled stoves, stovepipes. Art.-Nr.: 70273   PU: 12   Contents: 400 ml			<b>Chrome Aluminium Spray</b> Corrosion protection with chrome sheen effect for all metal surfaces thanks to high quality aluminium coating. Can be used in metal constructions, welding, refrigeration technology, air conditioning technology, car body parts. Art.-Nr.: 70274   PU: 12   Contents: 400 ml			<b>Stainless Steel Spray</b> Heat-resistant stainless steel alloy for resilient cathodic corrosion protection. For weather, chemicals and corrosion resistant surface coating in industry. Art.-Nr.: 70257   PU: 12   Contents: 400 ml		
<b>Primer Grey</b> High quality acrylic varnish for perfect and permanent rust protection – without CFC. Protective seal for pipings, metals, steel constructions etc. Ideal adhesive primer and filler for dyes and varnish. Art.-Nr.: 70279   PU: 12   Contents: 400 ml Art.-Nr.: 70280   PU: 12   Contents: 400 ml			<b>Primer Reddish Brown</b> Liquid protection wax as corrosion protection for permanent preservation, especially for tools, forms, bare metals and many more. Can also be used as protection against corrosion in overseas transports. Art.-Nr.: 70281   PU: 12   Contents: 400 ml			<b>Anti-Corrosion Wax Spray</b> Weatherproof, well-adhesive metal spray for copper coloured coatings. Suitable for visual enhancement and for protecting various kinds of materials. Art.-Nr.: 70245   PU: 12   Contents: 400 ml		
<b>Marking Spray Luminous Red</b> For universal use, for marking and lettering asphalt, concrete, stones, ground, wood, trees, sand and snow. Art.-Nr.: 70282   PU: 12   Contents: 500 ml			<b>Brass Spray</b> Golden/yellow brass coating as long-term protection. Can be used for visual enhancement and protection for various kinds of materials. Art.-Nr.: 70259   PU: 12   Contents: 400 ml			<b>Zinc Aluminium Spray</b> Combination spray for perfect improvement of hot-dipped components. Can be used for coating of drilling and welding points and as anti-rust protection undercoating. Dries fast. Art.-Nr.: 70272   PU: 12   Contents: 400 ml		
<b>Zinc Spray Grey</b> For improving zinc coatings in accordance with DIN 1461. Permanent cathodic anti-corrosion protection in extreme weather conditions. Anti-rust protection undercoating. Art.-Nr.: 70271   PU: 12   Contents: 400 ml			<b>Zinc Spray Bright</b> Anti-corrosion protection and enhancement of hot-dipped surfaces after drilling, welding or forging work. Permanent cathodic anti-corrosion protection in extreme weather conditions. Anti-rust protection undercoating. Art.-Nr.: 70258   PU: 12   Contents: 400 ml			<b>Zinc Dust Paint</b> Suitable for refinishing and enhancing zinc coatings e.g. on gates, doors, masts, railings, frames and all kinds of machine parts. Art.-Nr.: 70278   PU: 12   Contents: 800 g can		

## SPRAYS: CLEANING/DEGREASING/MAINTAINING



<b>Active Foam Spray</b> Powerful universal active foam cleaner for gently cleaning metal, glass, plastics, fittings, housings, screens, ceramics, rugs. Art.-Nr.: 70299   PU: 12   Contents: 400 ml	<b>Brake Cleaner</b> Quick cleaner for maintaining and repairing vehicles and vehicle parts. Cleans fast, free from residues and degreases. Art.-Nr.: 70296   PU: 12   Contents: 500 ml	<b>Burner Cleaner Spray</b> Special cleaner for removing oil, soot, wax, resins and persistent soiling on all kinds of burner parts. Art.-Nr.: 18006   PU: 12   Contents: 500 ml
<b>Citrus High Performance Cleaner</b> Industrial high-performance cleaner for professional use in industry, mounting and craft. Art.-Nr.: 70298   PU: 12   Contents: 400 ml	<b>Air Pressure Spray</b> For dry, contact-free blowing out, dusting and removing of loose dirt on electronic components, optical and electric devices and sensitive surfaces. Art.-Nr.: 70292   PU: 12   Contents: 400 ml	<b>Stainless Steel Maintenance Spray</b> Maintenance, protection and cleaning of matt and shining metal surfaces, especially stainless steel, indoors and outdoors. Art.-Nr.: 70297   PU: 12   Contents: 400 ml
<b>Electronics Cleaner Spray</b> Fast and efficient cleaning and degreasing of soiled and corroded contacts and metal parts. Protection against corrosion, oxidation and moist. Art.-Nr.: 70295   PU: 12   Contents: 400 ml	<b>Degreaser Spray</b> Powerful and fast degreasing of all metal parts/glass/ceramics. Removes oil, wax residues and permanent markers. Art.-Nr.: 70294   PU: 12   Contents: 500 ml	<b>Contact Spray</b> Maintenance and protection for electronic contacts and components. Keeps away moist, current leaks and provides permanent protection against oxidation. Art.-Nr.: 70293   PU: 12   Contents: 400 ml

## SPRAYS: LOOSENING/PARTING



<b>Release Agent Spray</b> Lubricant and release agent for deforming moulded, pressed or vacuum formed parts Art.-Nr.: 70287   PU: 12   Contents: 400 ml	<b>Graphite Powder Spray</b> Excellent adhesive grease with high graphite contents for movable connections, springs, locks, hinges, screws, flanges in pipeline engineering, slip joints etc. Art.-Nr.: 70288   PU: 12   Contents: 400 ml	<b>Cooling Spray</b> Special cooling agent for thermic troubleshooting, shrinking of metal parts, freezing and cooling of components of all kinds and for industrial repair purposes. Art.-Nr.: 70289   PU: 12   Contents: 400 ml
<b>Rust Remover MOS2 Spray</b> Professional industrial product for perfect and quick removal of jammed screws, bolts, pins and connections. Art.-Nr.: 70285   PU: 12   Contents: 400 ml	<b>Rust Remover Shock Spray</b> Spray oil with extreme creeping property with cold shock effect for fast loosening of rust on jammed metal parts. Loosens screw connections extremely quickly. Art.-Nr.: 70284   PU: 12   Contents: 400 ml	<b>Welding Release Spray</b> For cleaning and keeping clean welding nozzles. Protects nozzles and work pieces against jamming through heat or adhesion of welding residues. No impairment in subsequent burnishing, anodising, galvanising or varnishing. Art.-Nr.: 70286   PU: 12   Contents: 400 ml

### BonnaFlon PTFE-Spray

Dry, fat-free grease, adhesive and lubricant for industry, craft, household, car, leisure and sports. Silicon-free! Especially suitable for greasing machine parts, tools and devices (no freezing). Excellent lubricating properties, protects against adhesion of foreign substances. Heat resistant up to 260°C. No smearing and soiling!

Art.-Nr.: 70250 | PU: 12 | Contents: 400 ml



# POOL EQUIPMENT



## Cleaning, maintaining, protecting

Heat Pump and Air Conditioning Cleaner, Stainless Steel Maintenance, Whirlpool Disinfection



## Maintenance of Valves and Fittings

Lubricants and Greases



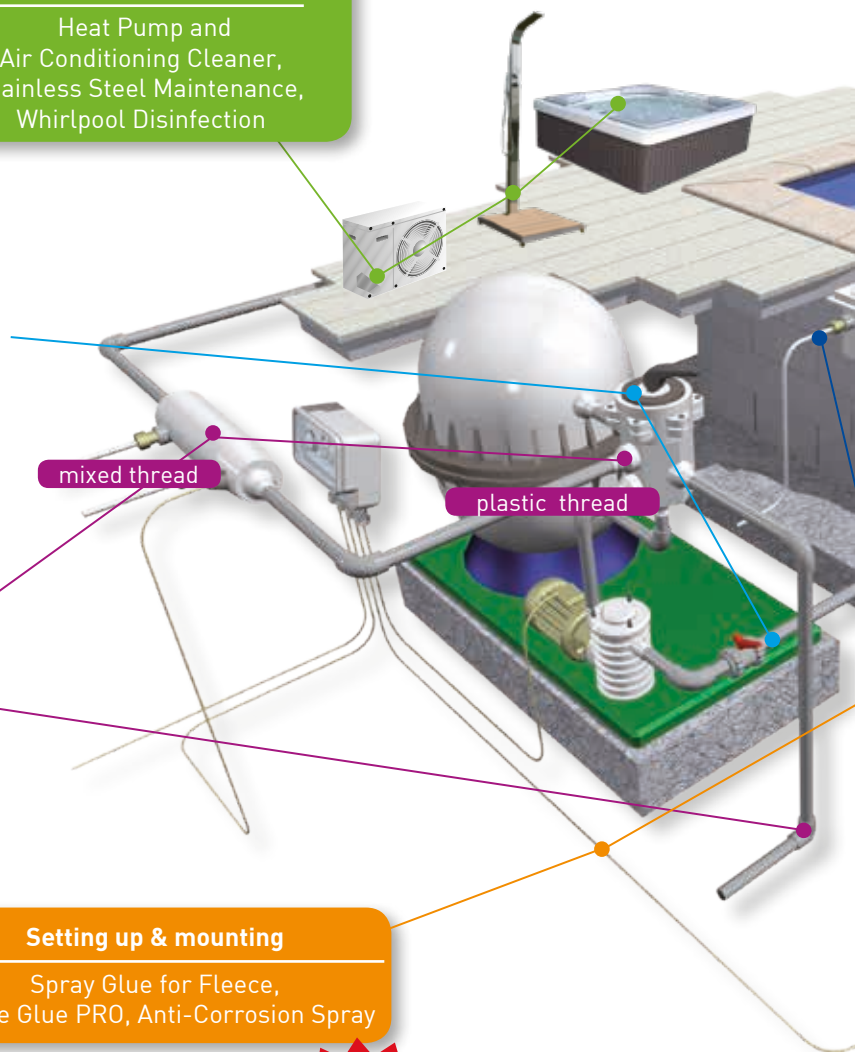
## Sealing threaded connections

Plastic on plastic  
metal on metal  
plastic on metal  
Teflon tape



## Setting up & mounting

Spray Glue for Fleece, Fleece Glue PRO, Anti-Corrosion Spray



## ANTI-CORROSION SPRAY

**NEW**



### Anti-corrosion for pools with steel walls

Protects hot-dip galvanised surfaces against corrosion after drilling, welding or forging.

- Weatherproof
- Permanent cathodic protection

Article number	Article	PU
09127	400 ml can	12

## STAINLESS STEEL MAINTENANCE SPRAY

**NEW**



### Stainless steel maintenance spray

Maintenance, protection and cleaning of shining and matt stainless steel. Ideal for pool ladders, stainless steel surge showers, outdoor showers or pool edges of stainless steel pools.

- Particularly economical
- Provides shining brilliancy

Article number	Article	PU
09128	400 ml can	12



# POOL EQUIPMENT

**Fixing leaks of**  
Liner, pipings  
Accessories  
for parts to be sealed

**Underwater repairs**  
Gluing  
Sealing

**Gluing of pipings**  
Rigid PVC  
Soft PVC

**Cleaning PVC**  
PVC Universal Cleaner

## WHIRLPOOL DISINFECTION



### For save disinfection of whirlpools

Natural disinfecting substances for save sterilisation of whirlpools. Naturally pH-neutral, so you will be safe, because nothing is more important than your health.

Article number	Article	PU
09126	1 l bottle	6

- Use the pool again after 5 minutes
- Effective against legionella, bacteria, fungi, viruses & algae
- Meets the strictest hygiene criteria
- Based on natural, disinfecting substances

## PTFE TEFLON TAPE



### Thread sealing tape from 100% pure, unsintered PTFE

- Prevents rust
- Removable, resistant against fungal attacks

Article number	Article	PU
09129	12 m tape	250

- Unlimited shelf life
- Removable

## SETTING UP AND MOUNTING

### SPRAY GLUE FOR POOL FLEECE



Spray glue based on synthetic rubber for gluing fleece pads for pools and polyolefin foams placed between the ground (wood, concrete...) and the liner. Suitable for vertical surfaces and difficult corners. Very economical.

- For up to 25 m2 pool fleece

Article number	Article	PU
09120	500 ml can	12

### FLEECE GLUE PRO



Aqueous glue on synthetic resin basis in a bucket. For gluing pool fleece placed between the ground (wood, concrete, polystyrene...) and the liner. Good adhesion on any standard grounds in pools e.g. concrete, wood, polystyrene... Suitable for all standard kinds of fleece from PE, PP, polyester and for polyolefin foam.

- Easy to use
- High adhesion
- Non-dripping consistency
- Antibacterial

Article number	Article	PU
09121	5 kg bucket	1

## PVC BONDING

### PVC GLUE BLUE



Glue for connecting piping elements from elastic PVC and rigid PVC U-PVC) used for pool installation. Suitable for water supply and discharge lines with a diameter of up to 100 mm. Does not run down on vertical surfaces.

- Resistant against water treatment chemicals for pools, saline and sea water
- THF-free

Article number	Article	PU
09105	125 ml can with brush	12
09106	250 ml can with brush	12
09107	500 ml can with brush	12
09108	1 L can with brush	6

### PVC-GLUE BLUE PRO



Glue for professional use. For connecting piping elements from elastic PVC and rigid PVC U-PVC) used for pool installation.

Suitable for water supply and discharge lines of pools and pressure lines with a diameter of up to 100 mm. Contains THF (tetrahydrofuran).

- Resistant against water treatment chemicals for pools, saline and sea water

Article number	Article	PU
09109	250 ml can with brush	12
09110	1 L can with brush	6

**NEW**

# POOL EQUIPMENT

## PVC CLEANING

### PVC UNIVERSAL CLEANER



fermit pool PVC Universal Cleaner improves the bonding properties by loosening the surface layer and is perfectly suitable for "pool fermit PVC Glue Blue" and "pool fermit PVC Glue PRO" glues as well as any other glue for UPVC und elastic PVC. Ideally, whet adherents with "pool fermit Schleifpapier" (abrasive paper) before-hand.

- With handy flip-top lid

Article number	Article	PU
09111	250 ml bottle	12
09112	1 l bottle	6

## CLEANING, MAINTENANCE & PROTECTION

### HEAT PUMP & AIR CONDITIONING CLEANER



A product regularly used for professional maintenance of heat exchangers in exterior air conditioning units and thermal heat pumps.

Excellent cleaning properties. Removes dirt and residue from fins and rotor blades and thus extends the lifespan of the installation. It also efficiently removes any mechanical greases, insects, dirt particles, dust and other soiling caused by weather.

The devices can be used immediately after cleaning. Restores the operability of the heat pump/air conditioning unit quickly and easily. Optimises the performance of the system.

- Immediately ready for use
- Strong cleaning efficiency
- No rinsing required
- Pleasant odour

Article number	Article	PU
09122	1 l bottle	6
09125	5 l canister	1

## SEALING UP THREADED CONNECTIONS

### KUNSTSTOFF-GEWINDEDICHT (PLASTIC THREAD SEALANT)



Fast and clean. Thread sealant in a tube. Suitable for plastic/plastic (PVC, PVC-C, PP, ABS, PE) and mixed metal/plastic connections.

- Immediately pressure-resistant
- Up to 45 degrees retractable within 10 minutes

Article number	Article	PU
09119	100 g tube	6

## MAINTENANCE OF VALVES AND FITTINGS

### SILICON FITTING GREASE



Fittings grease based on 100 % silicon oil and inert filler materials. For greasing stopcocks and valves in pools, irrigation systems and installations by the sea. Prevents lime deposits from water and greased parts. Water-repellent: suitable for devices transporting warm, aqueous solutions.

- Water-repellent
- Temperature-resistant
- Resistant against a wide range of chemicals

Article number	Article	PU
09123	30 g tube	40
09124	100 g tube	15

WRAS-approved in accordance with BS6920 for use with water contact, including hot water of up to 85°C, code 1212510; compliant with FDA (Food and Drug Administration) requirements: NSF H1; compliant with whitelists: 12 CLP NY 010.

## LEAKAGE REPAIR

### ABRASIVE PAPER



To be used for whetting elastic and rigid PVC pipes and fittings prior to gluing. Suitable for any deburring works on metals for preparing surfaces prior to applying epoxy putty. Very elastic texture for working on small pipe diameters and for deburring places difficult to access.

Article number	Article	PU
09113	Abrasive paper, 120 grain size/38 mm x 1 m	6

### REPAIR COMPOUND FOR LEAKAGES



Two-component epoxy sealant in the form of modelling clay for puttying, repairing and for mounting all rigid and semi-rigid plastics. Suitable for plastics such as PVC, PVC-C, ABS (PE, PP and PTFE excepted) and most standard materials (glass, wood, metal, copper, concrete). Once cured, the product can be processed, drilled, sawn, filed and painted like metal.

- Outstanding resistance against treated pool water and aqueous saline solutions

Article number	Article	PU
09114	Repair compound for leakages	6

### SEALING TAPE FOR LEAKAGES



Self-welding sealing tape that quickly conflates to a homogeneous mass when applied under tension. Suitable for temporarily sealing up leakages of pipings or irrigation pipes or to protect against sharp-edged and protruding parts.

- Outstanding resistance against treated pool water and aqueous saline solutions

Article number	Article	PU
09115	25 mm x 3 m	6



**NEW**

# POOL EQUIPMENT

## REPARATUR VON LECKAGEN

### REPAIR SET FOR POOL LINER



Set including glue, a piece of PVC film and an applicator for repairing liner inside and outside pools, inflatable modules from soft PVC (swim rings, toys and inflatable devices...) and air beds. Resistant to pool water treated with chlorine, salt, ozone.... Can be used in air and under water. Almost invisible repairs.

- 3 parts
- Also for underwater use

Article number	Article	PU
09116	Glue + film + applicator	6

### SEALING BANDAGE FOR RIGID PVC PIPES



Tape for permanent repairs of holes and cracks in cylindrical materials of all kinds. Suitable for application on wet surfaces and even under water. Pressure-resistant up to 20 bars. Pipe diameters under pressure up to 2" (50 x 60) or 50 mm. A second tape should also be applied. The tape is also suitable for pipes with larger diameters, e.g. drainpipes or downpipes.

- Permanent sealing
- Pressure-resistant up to 20 bars

Article number	Article	PU
09117	1,5 m x 5 cm	6

### LECK-FIX



#### Sealant for pools

Leck-Fix closes minor leaks in swimming pools made from different materials (concrete, polyester, acrylic, sealing membrane) and underground pipes. Leaks of 0.5 m<sup>3</sup> to 0.8 m<sup>3</sup> in pools between 50m<sup>3</sup> and 60m<sup>3</sup> can be treated per day (corresponds to a falling water level of approx. 2 cm in a pool of 10m x 5m). In the case of bigger damages, further measures are required.

- 1 litre for up to 60 m<sup>3</sup>
- pH test strip included

Article number	Article	PU
09118	1 l canister	6

## UNDERWATER SEALING

### AQUA-FIX PRO



Aqua-Fix PRO combines performance with versatility. This neutral, isocyanate-free sealant allows for fast and save bonding, sealing and repairing, even under water. Ideal for pools, spas and whirlpools. Excellent resistance against UV radiation, weather and treated pool water. For indoor and outdoor use.

- Seals up perfectly
- Also for underwater use
- 5 different colours

Article number	Colour	Contents	PU
09100	white	290 ml	12
09101	transparent	290 ml	12
09102	blue	290 ml	6
09103	beige	290 ml	6
09104	grey	290 ml	6



# NOTES

# General Terms & Conditions

## 1. Contract formation

- 1.1 For the business relations between Fermit GmbH and the purchaser, the following General Terms and Conditions for Sale and Delivery in their version in effect at the time the order is placed are in force. Different conditions are only applicable if we expressly acknowledge them in writing.
- 1.2 Our quotations are non-binding. Orders are considered as accepted by us when confirmed to the purchaser in writing or tacitly handled the delivery.
- 1.3 Subsidiary agreements, alterations, amendments, or annulment of the contract require the written form to be legally effective. This also applies to deviations from the written form requirement.
- 1.4 To the extent personal data are stored or otherwise processed, we will comply with the requirements of the data protection act. We only store and process personal data to the extent necessary within the scope of the contractual relationship.

## 2. Prices

- 2.1 Our prices are net prices. VAT is charged separately and shown openly.
- 2.2 The pricing is ex Vettelschoß-Kalenborn. Costs for transport, packaging and storing are charged separately. For orders exceeding a certain volume, we offer the purchaser reimbursement of the transport costs. In this case, we issue a credit note covering the transport costs invoiced.

## 3. Delivery

- 3.1 The purchaser is obliged to accept the goods ordered. If the goods have been damaged during transportation or if the goods listed in the consignment note have not been completely delivered, the recipient of the goods is obliged to have the damage noted in detail and confirmed by signature on the consignment note by the forwarder. The consignment note with the noted damage must be forwarded to us.
- 3.2 The delivery times stated are not binding unless a delivery time has been confirmed by us in writing.
- 3.3 If any failures, force majeure, damages through fire, traffic congestions, shortage of raw materials, or any other events beyond our will – regardless of whether they occur at our business establishment or at that of any of our suppliers – the delivery term is extended by the time of the duration of the failure. Both parties also have the right to terminate the contract if such unforeseen events make the delivery ex post facto impossible or unreasonable.

## 4. Terms of payment

- 4.1 Our invoices are to be paid within 30 days as of date of delivery and date of invoice or within 10 days with 2% early-settlement-discount. Payment with bills of exchange and cheques is made on account of performance.
- 4.2 If the payment is not made within the stipulated period of payment, we are entitled to charge default interest of 5% above the respective base rate as of the 31st day after due payment and acceptance of the invoice. If a greater damage is caused by delay, we are entitled to claim such damage.
- 4.3 The buyer can only set off his demands against ours if such demands are undisputed and legally binding.

## 5. Retention of title

- 5.1 We retain the title to the article until all claims that we have against the purchaser have been paid in full.
- 5.2 In the case of default of payment or any other conduct that constitutes breach of contract, we are entitled to withdraw from the contract and to claim the goods subject to retention of title if the buyer has failed to meet a reasonable deadline for fulfilling his obligations.

## 6. Warranty

- 6.1 The buyer is obliged to notify us immediately of obvious faults.
- 6.2 If there is any fault in the goods and such fault is within our responsibility, the purchaser is entitled to demand supplementary performance in the form of amendment or replacement delivery. As long as we meet our obligation to supplementary performance, the purchaser is not entitled to demand any price reduction or may not withdraw from the contract.

## 7. Liability

- 7.1 If nothing else arises from the provisions below, any claims of the purchaser – on whatever legal grounds – are excluded. We are therefore not liable for any damages caused to the delivered item itself or for any other pecuniary damage of the purchaser. To the extent our liability is excluded, the same applies to the liability of our employees, representatives, and vicarious agents.
- 7.2 The limitation of liability under 7.1 is not applicable if the damage has been caused by intent or gross negligence or in the case of damage to a person (injury to life, body, or health). It is neither applicable if the purchaser is entitled to any claims under the product liability law, if the goods fail to conform with the contract, or if an essential contractual obligation is violated.

## 8. Place of performance and court of jurisdiction

The place of performance and the court of jurisdiction is Linz/Rhein

## 9. Discounts

Discounts are exclusively granted on a case-by-case basis and only in the written form.

Last updated: 1 July 2018

## DIN EN ISO 9001:2015 CERTIFIED



# CONTACTS



**Fermit GmbH**  
Zur Heide 4  
53560 Vettelschoß  
Tel.: +49 (0) 2645 / 2 207  
Fax: +49 (0) 2645 / 3113  
Mail: [info@fermit.de](mailto:info@fermit.de)

1

**Region**  
**Matthias Schütte**  
Tel.: +49 (0) 151 / 64 914 082  
Mail: [mschuette@fermit.de](mailto:mschuette@fermit.de)

2

**Region**  
**Willi Kutsch**  
Tel.: +49 (0) 171 / 2 765 044  
Mail: [wkutsch@fermit.de](mailto:wkutsch@fermit.de)

3

**Region**  
**Guido Wiest**  
Tel.: +49 (0) 151 / 22 687 577  
Mail: [gwiest@fermit.de](mailto:gwiest@fermit.de)

## Globally connected



**Mekisan Handelsgesellschaft mbH**  
Frau Helga Kirchner  
Gratweiner Str. 63  
A-8111 Gratwein-Straßengel  
Tel.: (0) 664 / 1 052 793  
Fax: (0) 312 / 423 570  
Mail: [mekisan@aon.at](mailto:mekisan@aon.at)



**Tribelhorn AG**  
Gewerbestraße 6  
4528 Zuchwil  
Tel.: (0) 32 / 6 862 727  
Fax: (0) 32 / 6 862 728  
Mail: [info@tribelhorn.ch](mailto:info@tribelhorn.ch)



**Mr. Rudolf Parisch**  
Nove Spoli 105  
CZ-38101 Cesky Krumlov  
Tel./Fax: (0) 380 / 728 611  
Mail: [parisch@inspari.cz](mailto:parisch@inspari.cz)



**Celsis UAB**  
Verslo g. 3, Kumpių k.,  
LT-54311 Kauno r  
Tel.: (0) 37 452729  
Fax: (0) 673 18865  
Mail: [giedrius.skurkys@celsis.lt](mailto:giedrius.skurkys@celsis.lt)



**Mr. Nikolaidis Konstantinos**  
Monastiriu 91 a  
54627 Thessaloniki  
Tel.: (0) 2310/513280  
Fax: (0) 2310/556945  
Mail: [info@filtercosmos.gr](mailto:info@filtercosmos.gr)



**Willi Kutsch**  
Tel.: +49 (0) 171 / 2 765 044  
Mail: [wkutsch@fermit.de](mailto:wkutsch@fermit.de)

Product improvements, printing and typesetting errors reserved. Valid until the publication of the new catalogue.