



# CORROSION PROTECTION





## CONTENT

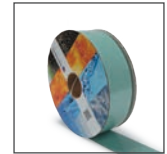
**COVALENCE**<sup>®</sup> Heat shrink products

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**Pipe protection**

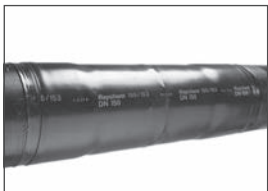
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For the subsequent corrosion protection of buried pipelines

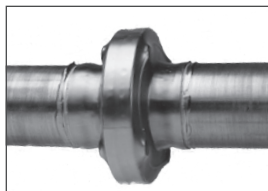
## COVALENCE® HEAT SHRINK PRODUCTS



CPSM/TPSM-C30



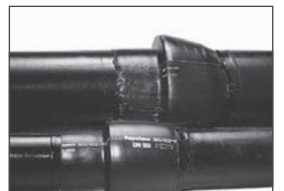
MPSM-C30



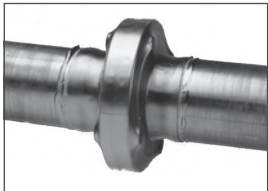
FCTS



WPC-C30-E



MEPS-C30



FCWS-F



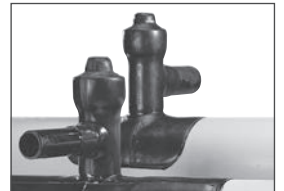
FLEXCLAD II



PERP



BLOT



HTTE



DIRAX



Water



Gas



Civil Engineering



## TYPE SELECTION



### Covalence® **CPSM-C30** Covalence® **TPSM-C30**

#### Fields of application

For retrocoating of a weld seam, coupling or bolt connection in the fields of new installations

#### Material

HDPE with viscoelastic mastic sealant

#### Properties

High shrinking; load class C30; welded seam:  
CPSM-C30 ND 25 - 65, width 500 mm, shrink rate approx. 66%;  
TPSM-C30 ND 80 - 200, width 450 mm, shrink rate approx. 36%;  
coupling/bolt connection:  
CPSM-C30 ND 20 - 125, width 1000 mm, shrink rate approx. 66%

#### Sizes

Heat shrink sleeve for weld seam: ND 25 - 200; heat shrink sleeve for coupling/bolt connection: ND 20 - 125



### Covalence® **MPSM-C30-UNIV-300**

#### Fields of application

For retrocoating of a socket/connection sleeve, mainly at new installations

#### Material

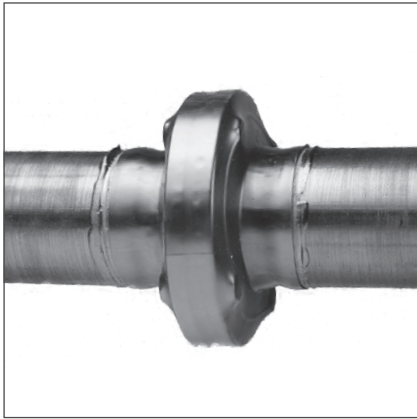
HDPE with viscoelastic adhesive

#### Properties

High shrink; load class C30 M; width 300 mm;  
shrinkage rate:  
approx. 65% ND 80 - 100;  
approx. 50% ND 125 - 150;  
approx. 45% ND 200 - 250;  
approx. 40% ND 300;  
approx. 35% ND 350 - 700

#### Sizes

Heat shrink sleeve for ND 80 - 700



## Covalence® **FCTS**

### **Fields of application**

For retrocoating of flange connections at new installations

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### **Material**

HDPE with viscoelastic sealant; adhesive-free flange area

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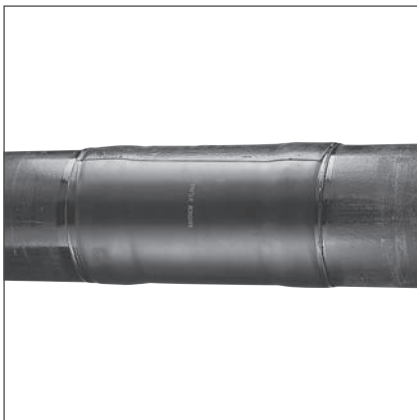
### **Properties**

High shrinking; load class C30; width 300 mm; shrink rate:  
approx. 67% ND 80 - 100;  
approx. 45% ND 150 - 200

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### **Sizes**

Heat shrink sleeve for ND 80 - 200



## Covalence® **WPC-C30-E**

## Covalence® **HTLP60-DCS-C50**

### **Fields of application**

For weld seam retrocoating on already laid and connected pipes or new installations

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### **Material**

WPC: HDPE with viscoelastic sealant adhesive; HTLP60: HDPE with hot melt adhesive

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### **Properties**

Stress class C30 (WPC) & C 50 UV (HTLP60); width 450 mm; shrink rate approx. 25%; available pre-assembled or as roll material

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### **Sizes**

Heat shrink sleeve for ND 80 - 1200; sealing tape:  
ND 80 - 450: Width 100 mm;  
ND 500 - 1200: Width 150 mm



## Covalence® **MEPS-C30**

### Fields of application

Heat shrink sleeve for retrocoating a connection sleeve (MEPS-C30) or a flange joint (FCWS-F, HEPS-C30, MEPS-C30)

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### Material

HDPE with viscoelastic adhesive with separate sealing tape

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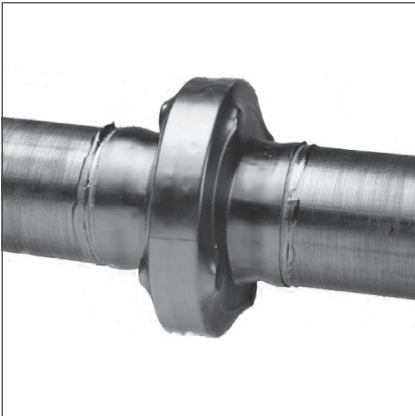
### Properties

Load class C30; width 300 - 600 mm; shrink rate approx. 36%; pre-assembled or as roll material

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### Sizes

Heat shrink sleeve for ND 125 - 1000; sealing tape up to ND 500: Width 150 mm; from ND 600: Width 200 mm



## Covalence® **FCWS-F**

## Covalence® **HEPS-C30**

## Covalence® **MEPS-C30**

### Fields of application

For retrocoating of flange connections on already laid and connected pipes or new installations

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### Material

HDPE with viscoelastic sealant with separate sealing tape; FCWS-F reinforced material; with zip fastener

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### Properties

FCWS-F: Load class C30; width 220 - 300 mm; shrink rate approx. 50%; MEPS-C30/HEPS-C30: Width 450 or 600 mm; shrink rate approx. 36% (MEPS-C30) and 45% (HEPS-C30); pre-assembled; available as rolls

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### Sizes

Heat shrink sleeve for ND 50 - 1200 PN 16 (others on request)



## Covalence® **FLEXCLAD II**

### **Fields of application**

For pipe bend retrocoating, on already laid and connected pipes or new installations

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### **Material**

HDPE with hot melt adhesive coating

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### **Properties**

Load class C30; Width: 35, 50, 70, 100 mm; shrink rate approx. 20%; roll material

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### **Sizes**

Shrinking tape for ND 25 - 300



## Covalence® **PERP**

### **Fields of application**

Repair of small damages on the factory coating or coating of welding electrodes

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### **Material**

HDPE with hot melt adhesive coating

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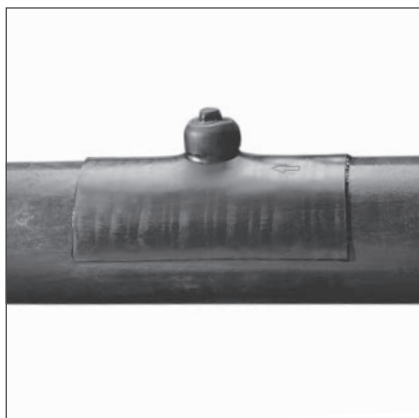
### **Properties**

Assembled kit or roll material

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### **Sizes**

Repair patch 140 x 170 mm incl. filler and emery cloth;  
repair patch on rolls 10 m x 450 mm;  
Repair filler 50 x 3 mm x 3 mm;  
PE-melt stick Ø 25 mm x 305 mm



## Covalence® **BLOT**

### **Fields of application**

For subsequent coating of a weld-on socket in fields of gas distribution networks

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### **Material**

HDPE as saddle with collar, as well as a separate cap; hot-melt adhesive coating inside

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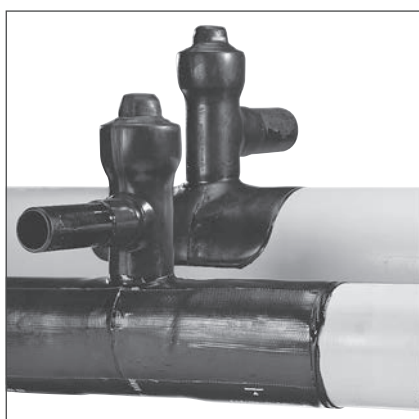
### **Properties**

Load class C 50; saddle 300 x 320 mm; collar approx. 30 - 40 mm

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### **Sizes**

Heat shrink molded part 200, 300, 400



## Covalence® **HTTE**

### **Fields of application**

For subsequent coating of house connection valves

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### **Material**

HDPE with special adhesive coating inside

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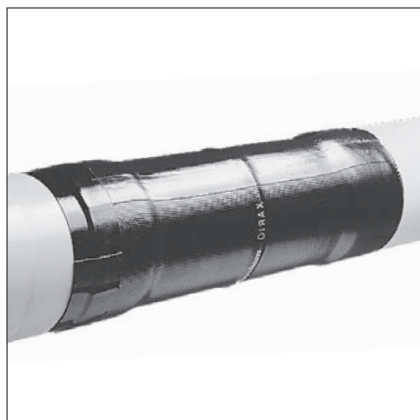
### **Properties**

The thick-walled, strongly expanded molded part is coated with a special adhesive inside; this melts during assembly and leads to a high-strength connection of the shrink molded part with the valve; DVGW certified according to DIN 30672 and DIN EN 12068, load class C50

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### **Sizes**

Valve ND 25 - 50



## Covalence® **DIRAX** Kit

### **Fields of application**

For subsequent corrosion protection on-site of pipelines with increased mechanical requirements

### **Material**

Glass fiber reinforced HDPE; Hot melt adhesive; Epoxy primer

### **Properties**

DIN EN 12068 / DIN 30672; load class C HT 60 UV

### **Sizes**

ND 80 – ND 1050



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**Product data sheet**



**Installation**



**Certificates**



**Tender text**



**Application matrix**



## PRODUCT INFORMATION

### Properties

- Backing material made of infusible, heat shrinkable bonded polyolefin
- Coating with hot-melt adhesive, high adhesion, moisture-proof, impact- and abrasion-resistant material, remains flexible and free of cracks even under continuous stress
- Quick and easy installation by shrinking on with gentle propane gas flame without additional adhesive or primer
- Provides protection against creepage, rotting and UV resistant
- Compatible with all common pipeline coatings
- Low preheat requirements, self-healing effect due to viscoelastic sealant
- Dimpled structure in the backing material as an installation aid

### Fields of application

Subsequent coating of:

- Welded seams
- Connecting sockets (type Tyton, Fuchs etc.)
- Couplings, bolt connections and pipe bends
- Flanges
- Damaged factory coatings
- Welding electrodes
- Weld seams with higher mechanical load

Sealing of

- Casing pipes
- Vitrified clay pipes
- Packed and bolt gland sockets

### Description

Application: Under normal conditions, no primer is required for heat shrink products. As with all corrosion protection systems, the surface to be coated or subsequently insulated must be clean, free of grease, and dry. With heat-shrinkable corrosion protection systems, it is particularly important to pay attention to compliance with the specified pre-heating temperatures. The more precisely the pre-heating temperatures are kept to, the better and longer lasting the peel and shear resistances of the hotmelt adhesives will be.

The hot melt adhesive liquifies during the shrink process onto the pipe (using a propane gas flame).

The liquefied hot melt adhesive then completely moistens the surface to be coated or subsequently insulated, sticking in any unevenness and fills any small cavities (e.g. transition from steel to factory coating or edges of welded seam). This process is supported by the shrink tension in the retainer material which occurs during processing.

The shrinkage stress of the backing which is in the retainer material is permanently present, and the adhesion of the hot-melt adhesive fix the shrinking tube or the shrink sleeve in place, even if the pipe moves and if there are active shearing forces at the given point.

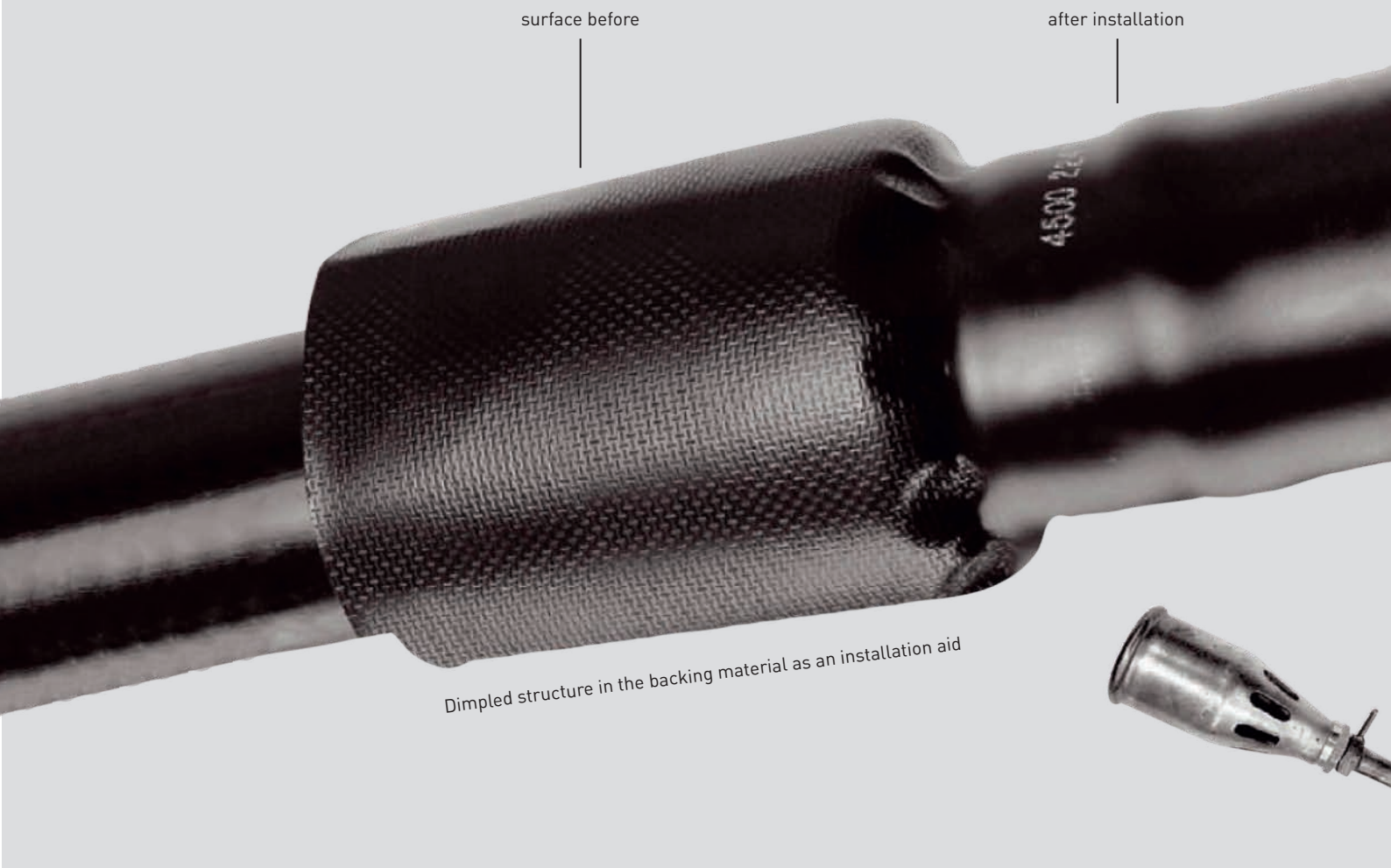
The backing material, which solidifies after cooling, offers the relatively soft hot-melt adhesive optimal mechanical protection.



## TECHNICAL INFORMATION

### A non-destructive, optical quality control is possible:

- The heat shrink product must be completely smooth and bubble-free
- The hot-melt adhesive must have been pressed out at the edges all around the circumference of the pipe
- The required overlap to the factory coating must be at least 50 mm on both sides
- The factory-applied dimpled structure in the backing material (PCI) is no longer visible





## SUITABLE ACCESSORIES

### Shrink cap



## CERTIFICATES

To offer our customers the best possible quality and service, we are organized according to DIN EN ISO 9001:2015 and have this continuously checked and certified.

### **CERTIFICATE ISO 9001:2015**

This certification documents our conformity of the quality management system

### **AEO CERTIFICATE**

Authorized Economic Operator "AEOC (customs simplification)"

## Covalence®



DVGW TYPE EXAMINATION CERTIFICATE; DIN 30672, DIN EN 12068

- CPSM; C 30
- TPSM; C 30
- MPSM; C 30 M
- FCTS; C 30
- WPC C30-E; C 30
- HTLP 60; C 50 UV
- MEPS C30-E; C 30
- HEPS C30-E; C 30
- Flexclad II; C 30
- BLOT; C 50
- HTTE; C 50
- DIRAX; CHT 60 UV



For underground or above ground applications as filling material and corrosion protection compound.

## STOPAQ® CORROSION PROTECTION



Water



Building construction



Civil Engineering



## TYPE SELECTION



### STOPAQ® FN 4100

#### Fields of application

Particularly suitable for complex molded parts such as flange joints; for filling the gaps; for underground use

#### Material

Soft paste-like component

#### Properties

Non-hardening, removable; water- and oxygen-tight; processing with a STOPAQ compressed air gun or by hand; can be used at continuous operating temperatures between -20 °C and +35 °C

#### Size

2 kg bag



### STOPAQ® FN 4200

#### Fields of application

Particularly suitable for complex molded parts such as flange joints, for filling the gaps. For above ground use.

#### Material

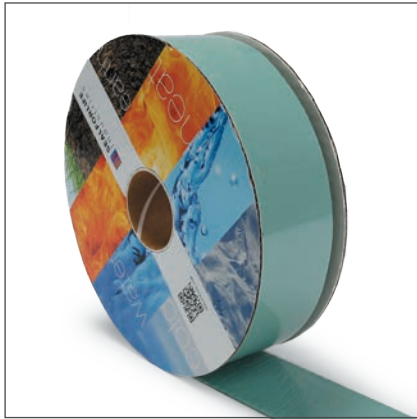
Soft paste-like component

#### Properties

Non-hardening, removable; water- and oxygen-proof; high electrical resistance; application with STOPAQ handgun or by hand (2 kg bag); excellent adhesion to steel and many other substrates without the use of special primers; certified according to KIWA BRL-K911

#### Sizes

0,53 kg cartridge; 2 kg bag



## STOPAQ® CZ tape

### Fields of application

For complex shaped steel pipeline components, e.g. T-joints, ball and gate valves; above and below ground application

### Material

Modified polymer

### Properties

Stress class A 30; cold processing; flexible; resistant to acids and bases, among other things; additional mechanical protection necessary when used underground; additional UV protection necessary when used above ground; no primer required;  
processing temperature: from 0 °C to +50 °C;  
dielectric strength: approx. 20 KV/mm;  
continuous operating temperature: from -30 °C to +50 °C;  
color: green; certificate: EN 12068 / DIN 30672 A30

### Sizes

Roll length 10 m / width 50 mm, 100 mm



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Product data sheet



Installation



Certificates



Tender text



## PRODUCT INFORMATION

### Features

- Water- and oxygen-tight, environmentally friendly and not toxic
- Permanently plastic (flexible)
- No drying or reaction time
- Long service life depending on the type of storage and state of packaging
- Excellent adhesion on almost all steel, zinc, aluminium and plastic surfaces
- High electrical resistance:  $>10^8$  Ohm/cm

### Fields of application

- Specially designed for a wide range of applications and temperatures for filling cavities and levelling irregular surfaces.
- Protects against the penetration of water, oxygen, and bacteria.



### Description

STOPAQ® FN 4100/FN 4200 can be processed without sand blasting and priming of the surface. It is sufficient to clean slightly and remove any rough dirt.

FN 4100 is easy to knead and shape by hand.

Easy to assemble with hand or compressed air gun, can be applied cold and is therefore particularly suitable for complicated molded parts.

Quick and easy application; excellent adhesion to steel and many other surfaces without the use of special primers

### Notes

- At outside temperatures  $<10$  °C it is recommended to preheat the cartridges to increase the viscosity.





## SUITABLE ACCESSORIES

### Handgun



### Pipe protection fleece



## CERTIFICATES

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Authorized Economic Operator "AEOC (customs simplification)"

### STOPAQ®



- CZ band: DVGW certificate according to EN 12068 / DIN 30672 A30
- FN Sealant: KIWA-BRL K911
- Water- and gas-tight according to NEN 2768





Cold- and warm processed anti-corrosion tapes for pipe covering

## Kebu® CORROSION PROTECTION TAPE

<b>Petro-Tape</b>	<b>Plast Mastic</b>	<b>Bitumen tape</b>	<b>Primer</b>	<b>Single-Tape-System</b>
<b>Two-Tape-System</b>	<b>PVC insulation tape</b>	<b>PE tape</b>	<b>Butyl-Kitt</b>	



**Building**



**Civil Engineering**



**Water**



**SHK**



**District heating**



## TYPE SELECTION



### Kebu® TAPE

#### Fields of application

Suitable for above-ground metallic components, grounding of lightning conductors and wooden poles; also suitable to a limited extent for use for protection of buried pipelines

#### Material

Technical Vaseline with mineral fillers and synthetic carrier

#### Properties

Cold-processed anti-corrosion tape; continuous operating temperature up to 30 °C

#### Sizes

Roll length 10 m / width 50, 100 mm; special lengths and widths on request



### Kebu® Petro-Tape A 303

#### Fields of application

Suitable for coating steel pipes and subsequently coating the area of welded seams on steel pipelines with factory coating, also for coating fittings and flange connections with Kebu® Plast Mastic and Kebu® Rockshield net PP 500/1000

#### Material

Polyolefin modified petrolatum, synthetic fiber inlay and laminated PE tape

#### Properties

Cold-processed anti-corrosion tape; load class A 30; good adhesive strength and elasticity as well as increased drip resistance; PE tape with high diffusion density to prevent the plastic compound from being rinsed out as a result of changes in the ground water; maximum continuous operating temperature up to 30 °C

#### Sizes

Roll length 10 m / width 50, 100, 150, 200, 250 mm



## Kebu® **Plast Mastic**

### **Fields of application**

Filling compound based on petrolatum to fill in cavity-endangered areas, for example before wrapping valves and flanges with petrolatum tapes

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### **Material**

Industrial petroleum; fillers; fibers

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### **Properties**

Cold-processed mastic; plasticizable, duroplastic; continuous operating temperature up to 30 °C

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### **Sizes**

PE bag 0.5 kg; box 7.5 kg; box 12.5 kg



## Kebu® **Bitumen Tape Special**

### **Fields of application**

Suitable for subsequent coating of factory-coated pipes and pipe fittings. Also suitable for steel pipelines & pipe fittings.

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### **Material**

Modified bitumen with pre-impregnated synthetic fabrics

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### **Properties**

Warm-processed anti-corrosion tape; load class B 30 in combination with Kebusol primer B III; high degree of softening; low breaking point; maximum continuous operating temperature up to 30 °C

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### **Sizes**

Roll length 10 m / width 100, 150, 200, 250 mm



## Kebu® **Bitumen Tape GW**

### **Fields of application**

Suitable for subsequent coating of factory-coated pipes and molded pipe parts. Also suitable for coating steel pipelines, pipe fittings and repair spots where mechanical damage to the factory coating has occurred.

### **Material**

Modified bitumen with pre-impregnated glass fabrics

### **Properties**

Warm-processed anti-corrosion tape; Load class B 30 in combination with Kebusol primer B III; High degree of softening; Low breaking point; Maximum continuous operating temperature up to 30 °C

### **Sizes**

Roll length 10 m / width 100, 250 mm; other widths on request



## Kebusol **Primer B III**

### **Fields of application**

Primer for Kebu® Bitumen-Tape Special and Kebu® Bitumen-Tape GW; suitable for steel and other metal surfaces, also for factory coatings made of PE, PP, EP and PUR

### **Material**

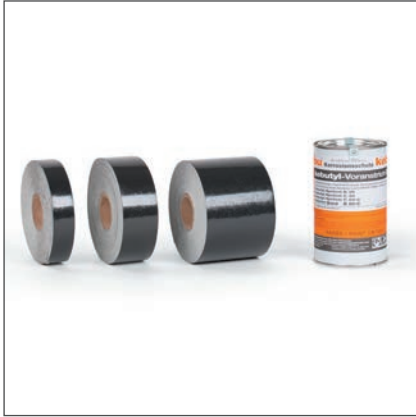
Adhesion promoting, solvent-based primer based on bitumen and unsaponifiable resins

### **Properties**

Drying time approx. 3-5 minutes (depending on weather conditions)

### **Sizes**

Container 1l; 5l; 10l



## Kebulen tape **B 80-C**

### **Fields of application**

Suitable for coating steel pipes and subsequently coating the area of welded seams on steel pipelines with factory coating.

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### **Material**

Co-extruded three-layer tape on a butyl rubber basis; backing material polyethylene

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### **Properties**

Single tape system, cold-processed anti-corrosion tape; Load class C 50 in a 4-layer application or B 50 in a three-layer application in combination with Kebutyl primer K III; Fully weldable; Compatible with factory coatings made of PE, PP, epoxy resin, PU and bitumen; Operating temperature up to 50 °C; Black or yellow

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### **Sizes**

Roll length 15 m / width 30, 50, 100 mm;

Black additionally roll length 50 m / width 100 mm



## Kebutyl System **B 30**

### Fields of application

Suitable for coating steel pipes, also subsequent coating of the area of welded seams on already factory coated steel pipes

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### Material

Consisting of Testo® Tape 1.5 and Kebulen tape PE 0.40 or PE 0.25, Kebutyl primer K III

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### Properties

Cold-applied two-tape corrosion protection system; load class B 30; continuous operating temperature up to approx. 30 °C

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### Sizes

See sizes Testo® tape 1.5, Kebutyl primer K III, Kebulen tape PE 0.40 / 0.25



## Testo® **Tape 1.5**

### Fields of application

Inner layer of Kebutyl System B 30

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### Material

Butyl rubber basis

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### Properties

Welded in overlap area; compatible with factory coatings made of PE, PP, epoxy resin, PU and bitumen; operating temperature up to 30 °C;

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### Sizes

Roll length 10 m / width 30, 50, 100 mm;  
Roll length 5 m / width 30, 50 mm



## Kebulen Tape **PE 0,40 / 0,25**

### **Fields of application**

Outer layer of Kebutyl System B 30

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### **Material**

One-sided, self-adhesive plastic tapes on polyethylene-basis

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### **Properties**

High moisture impermeability; excellent specific wrap resistance; elastic and stretchable

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### **Sizes**

Roll length 10 m / width 30, 50, 100 mm



## Kebutyl **Primer K III**

### **Fields of application**

Primer for Kebulen-Tape B 80-C and Kebutyl-System B 30; suitable for steel and other metal surfaces, as well as for factory coatings made of PE, PP, EP and PUR

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### **Material**

Adhesion-promoting primer made of butyl rubber and unsaponifiable resins in an organic solvent

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### **Properties**

Drying time: approx. 3-5 minutes (depending on weather conditions)

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### **Sizes**

Container 1l; 5l



## Kebu® **PVC Insulation Tape**

### **Fields of application**

Especially suitable for insulation and bundling wires, repairing damaged insulation, and marking of wires

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### **Material**

Adhesive tape with adhesive layer based on synthetic rubber in black, red, blue, white, yellow, brown, green, grey, and transparent

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### **Properties**

Excellent electrical insulation; good adhesion; elastic; UV-resistant; moisture-resistant; waterproof; solvent-resistant; self-extinguishing

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### **Sizes**

Roll length 10 m / width 15, 19, 50, 100 mm



## Kebutyl **Putty**

### **Fields of application**

Suitable for repairing damaged areas on factory PE-coated steel pipes and for filling cavity-endangered areas

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### **Material**

Butyl rubber-based mastic; permanently plastic

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### **Properties**

Permanently plastic; does not harden; can be shaped by hand

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### **Sizes**

Roll 2 m x 40 mm x 5 mm; bolt/bar 1 kg



## Kebu® Repa Tape

### Fields of application

All-purpose sealing tape

### Material

Tape made of a self-adhesive compound (butyl) and weather-resistant aluminium-PET composite film

### Properties

Bitumen-free; high tear resistance; excellent adhesive strength

### Sizes

Roll length 10 m / width 50, 75, 100, 150, 300 mm



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Product data sheet



Installation



Certificates



Tender text



Type selection



Application matrix



## SUITABLE ACCESSORIES

### Kebu-Mat Standard



### Kebu-Mat Maxi



### Kebu® Pipe protection mat PP 1000



## CERTIFICATES

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### **CERTIFICATE ISO 9001:2015**

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### **AEO CERTIFICATE**

Authorized Economic Operator "AEOC (customs simplification)"

### **Corrosion and pipe protection**



DVGW TYPE EXAMINATION CERTIFICATE; DIN 30672, DIN EN 12068

- Kebu Petro-Tape A303, A 30
- Kebu Bitumen Tape Special, B 30
- Kebu Bitumen Tape GW, B 30
- Kebulen System B 80-C, B 50 / C 50
- Kebutyl System B 30



For subsequent insulation of pre-insulated district heating pipes

## COVALENCE® HEAT SHRINK PRODUCTS FOR DISTRICT HEATING





## TYPE SELECTION



### Covalence® **TPSM-PE**

#### **Fields of application**

For sealing of pipe joints in pre-insulated pipe systems in the ground, in the area of new installation

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#### **Material**

HDPE backing; high strength, visco-elastic sealant

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#### **Properties**

Low preheating temperature; dimpled structure in the backing material as an installation aid; continuous operating temperature up to 50 °C

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#### **Sizes**

Heat-shrinkable sleeves for pipe diameters 90 to 560 mm



### Covalence® **RJS-E**

#### **Fields of application**

For sealing of all-kind joint casings of pre-insulated pipe systems in the ground, in the area of new installation and for already installed pipe systems

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#### **Material**

HDPE backing; thermoplastic copolymer adhesive; visco-elastic sealant

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#### **Properties**

Shrink rate approx. 25%; visco-elastic sealant of perfect long-term stability; separate sealing tape; dimpled structure in the backing material as an installation aid; also available as roll material

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#### **Sizes**

Prefabricated shrink sleeve for pipe OD 90 - 560 mm; roll material for customized cut for pipe OD >560 mm



## Covalence® **DHEC**

### **Fields of application**

For sealing the pipe ends of pre-insulated pipes or fittings

### **Material**

Two-layer molded part made of PE-HD backing material and high viscosity sealant strips

### **Properties**

Several pipe sizes can be sealed per molded part; high tightness against water ingress; continuous operating temperature up to max. 120 °C (short term up to max. 140 °C)

### **Sizes**

Tubular mold system; diameter of carrier pipe from 14 to 160 mm; diameter of casing pipe from 63 to 250 mm



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**Product data sheet**



**Installation**



**Certificates**



**Tender text**



**Type selection**



## PRODUCT INFORMATION

### Features

- High strength hot melt adhesive
- Visco-elastic sealant
- Fixing zone as installation aid
- Highest abrasion resistance

### Fields of application

For sealing of

- District heating pipelines
- Socket joints
- Pipe ends
- Wall penetrations
- Pre-insulated pipe systems
- Pre-formed pipe covering
- Pre-foamed pipe connections

### Description

Covalence<sup>®</sup> is one of the leading manufacturers of cross-linked, heat-shrink products, which have been used successfully for several decades in the sealing or corrosion protection of pipe joints, pipe parts and fittings. All Covalence<sup>®</sup> products represent high quality materials and are manufactured as per the highest quality standards. Therefore they support effectively the application and processing by our customers.

Many Covalence<sup>®</sup> shrink products for corrosion protection and district heating have a dimpled structure in the backing material. This disappears permanently when sufficient heat energy is applied. This means that the processing quality can still be checked years after installation.

#### Audited services

All Covalence<sup>®</sup> products for district heating socket-sealing have passed tests at independent district heating institutes in accordance with EN 489 and are registered accordingly. The performance data determined in these tests exceed the requirements and specifications of this standard.

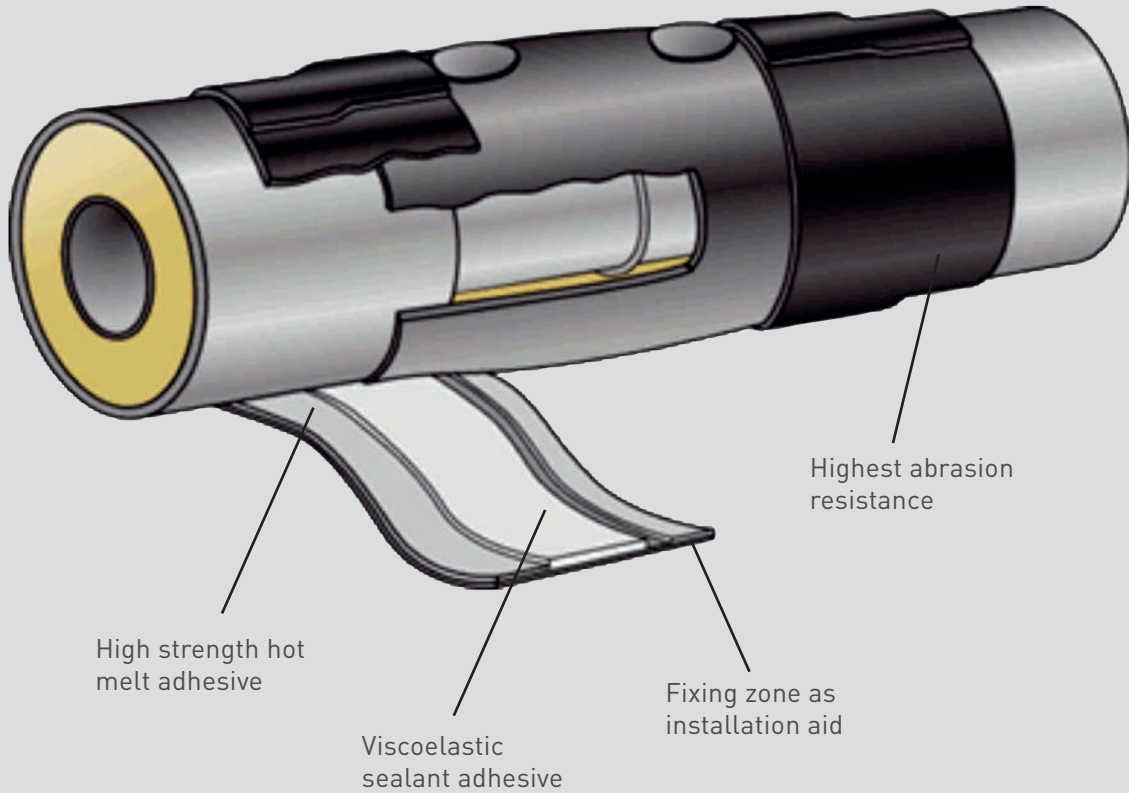
### Notes

- As with all closed solutions, it should be noted that retrofitting is not possible.



## TECHNICAL INFORMATION

### Product description



## SUITABLE ACCESSORIES

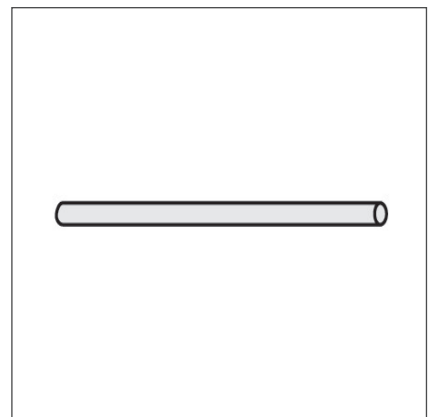
**Covalence® FOPS-100**  
foaming hole closure patch



**Covalence® FOPS-100**  
Sealing Tape S1113



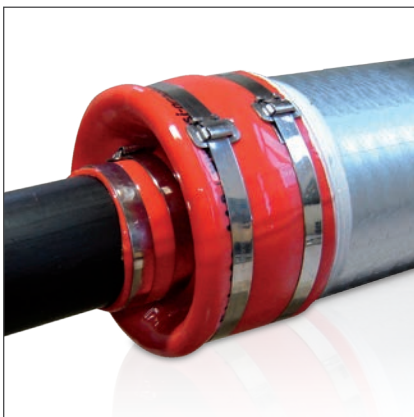
**CPA heat shrink sleeve for**  
pilot cables



### Compakt Temp



### RottoX Temp



### RottoX VDW



### WalloX Wall Sealing Ring



## CERTIFICATES

To offer our customers the best possible quality and service, we are organized according to DIN EN ISO 9001:2015 and have this continuously checked and certified.

### **CERTIFICATE ISO 9001:2015**

This certification documents our conformity of the quality management system

### **AEO CERTIFICATE**

Authorized Economic Operator "AEOC (customs simplification)"

### **District heating**

FFI TEST REPORT EN 489

- Covalence®: RJS-E; FOPS

VEOLIA TEST REPORT EN 489

- Covalence®: RJS-E; TPSM-PE



Additional mechanical protection of pipelines and post-factory coatings

## PIPE PROTECTION



Rockshield net



Pipe protection fleece



Pipecast



PP 1000



Building construction



Civil engineering



Water



District heating



## TYPE SELECTION



### CoverX **Rockshield net**

#### **Fields of application**

Suitable for pipelines without sand bedding or for manhole and house connections with frequent excavations

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#### **Material**

HDPE

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#### **Properties**

Extensible; highly malleable; close-meshed; high indentation resistance; UV-stabilized; resistant to microbes and soil bacteria, wetness, etc.

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#### **Size**

Roll 20 m x 1000 mm; (special sizes on request)



### CoverX **Pipe protection fleece**

#### **Fields of application**

Suitable for pipelines without sand bedding or for manholes and house connections with frequent excavations

---

#### **Material**

PP/PES

---

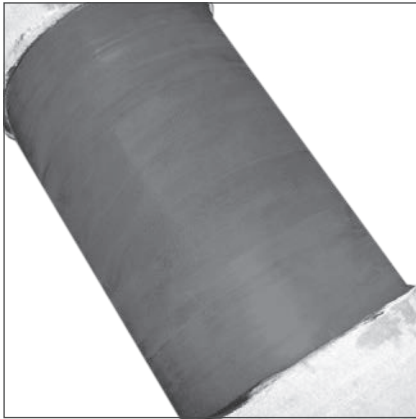
#### **Properties**

Weldable; high impact strength; biologically resistant

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#### **Size**

Roll 25 m x 1000 mm; (special sizes on request)



## Pipecast

### Fields of application

For trenchless pipe laying and pipe jacking; especially suitable as corrosion protection system for HDD in combination with corresponding shrink material

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### Material

Resin- saturated fiberglass fabric (GRP)

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### Properties

Reacts with water; good chemical resistance (including to petroleum products) and adhesion; short curing time; resistant to extreme temperatures; moldable

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### Size

Roll 4,57 m x 97 mm



## Kebu® Rock Shield PP 1000

### Fields of application

Mechanical protection for post-factory coatings, as well as for buried plastic-, steel and cast-iron pipelines and containers

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### Material

Polypropylene fibers

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### Properties

Resistant to rotting; resistant to saponification and heat; permeable to water and electricity

---

### Sizes

Roll 25 m x 1000 mm; Roll 50 m x 500 mm



AVAILABLE ONLINE | [WWW.PSI-PRODUCTS.COM](http://WWW.PSI-PRODUCTS.COM)



Product data sheet



Installation



Certificates

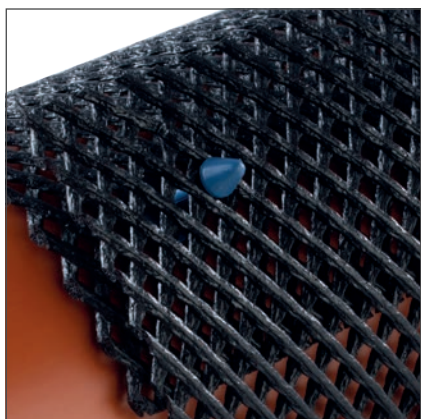


Tender text



## SUITABLE ACCESSORIES

Connecting clip



Protective gloves





## OTHER PRODUCTS FROM PSI

Product overview **Sealing Technology**

Product overview **Pipe Insertion**



Product overview **Corrosion Protection**

Product overview **Flange Gasket**



Product overview **Pipe Cleaning**

Product overview **Marking**





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