



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

Material

HDPE backing; high strength, visco-elastic sealant

Properties

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

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

Material

HDPE backing; thermoplastic copolymer adhesive; visco-elastic sealant

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

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



AVAILABLE ONLINE | WWW.PSI-PRODUCTS.COM



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® 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® 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® 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® 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.

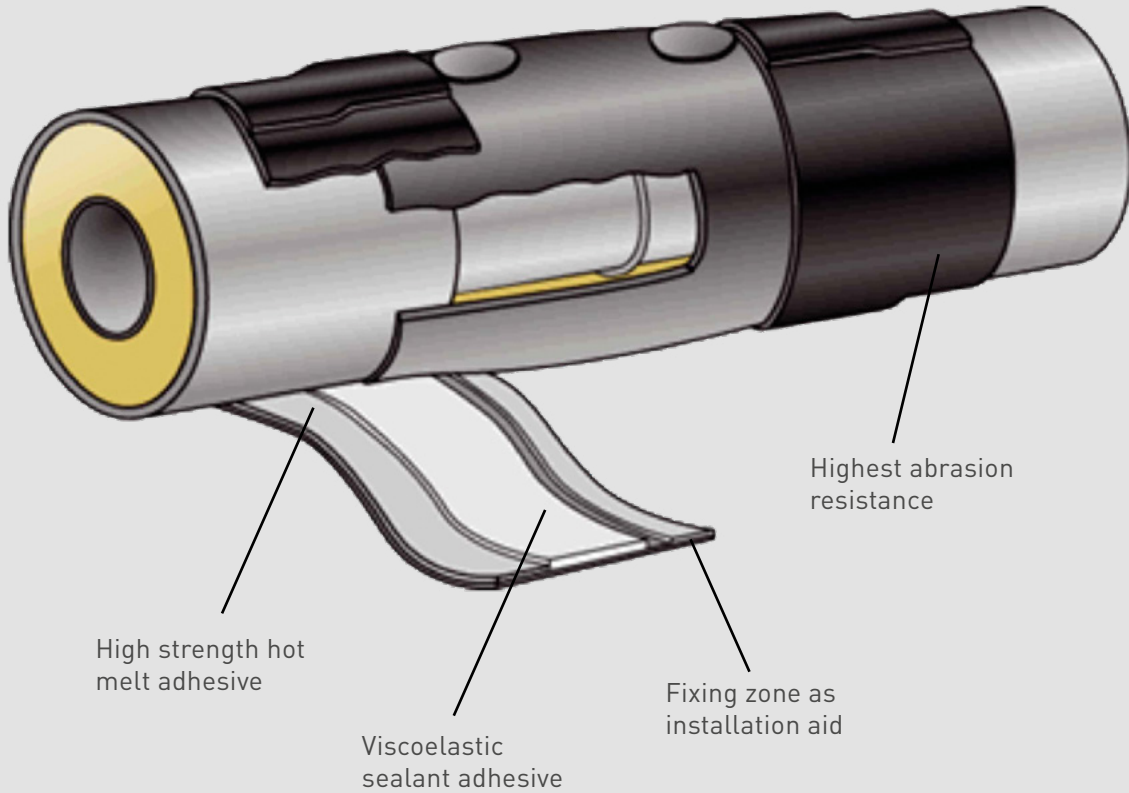
Notes

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



TECHNICAL INFORMATION

Product description



SUITABLE ACCESSORIES

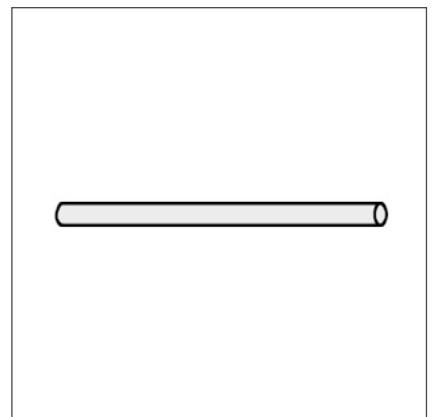
Covalence® FOPS-100
foaming hole closure patch



Covalence® FOPS-100
Sealing Tape S1113



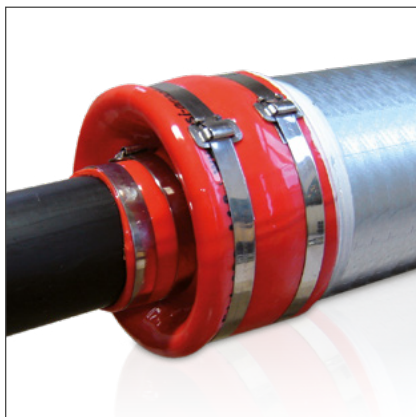
CPA heat shrink sleeve for
pilot cables



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