



Kold-N-Klose®

Permanent corrosion protection for pipes and joints

- No primer or heat required
- Above and below grade installation
- Easy to install

**CONFORMS TO CSA Z245.21-06
STANDARDS !**



Thomas & Betts

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The Kold-N-Klose® permanent corrosion protection system for pipes and joints is efficient and user friendly. The system delivers effective corrosion protection in new or existing installations for anode welds risers, pumping stations, irregular fittings and leak repair clamps.

No primer or heat is required during application and the same products can be used above or below grade.

Proven product performance for demanding applications

Kold-N-Klose® tape is one of the most durable methods of corrosion protection for pipes and joints available on the market today. It is the only product of its kind to have

passed the test requirements of CSA Z245.21.06 for cathodic disbondment, wet adhesion, flexibility and porosity as well as conforming to a number of ASTM standards.

CSA Z245.21-06

Test method clause 12.3

- 28 day cathodic disbondment @ **23°C**
- 28 day cathodic disbondment @ **65°C**
- 24 hr cathodic disbondment @ **65°C**

CSA Z245.20-06

Test method clause 12.14

- 28 day wet adhesion @ **75°C**

CSA Z245.21-06

Test method clause 12.11

- 2.5° Flexibility @ **-30°C**

CSA Z245.20-06

Test method clause 12.6

- Porosity (CSA Z245.20-06)

ASTM G 8-96

Method A

- Cathodic disbondment

ASTM G 14-88

- Impact resistance

ASTM B 117-90

- Salt spray

ASTM D 1000-82a

Method A

- Adhesion

ASTM G 17-88

- Penetration

ASTM D 149-97a

Method A

- Dielectric strength

ASTM G 26

Method A

- Xenon arc/rain test



Ideally suited for uninterrupted application to elbows and straight lengths of pipes.

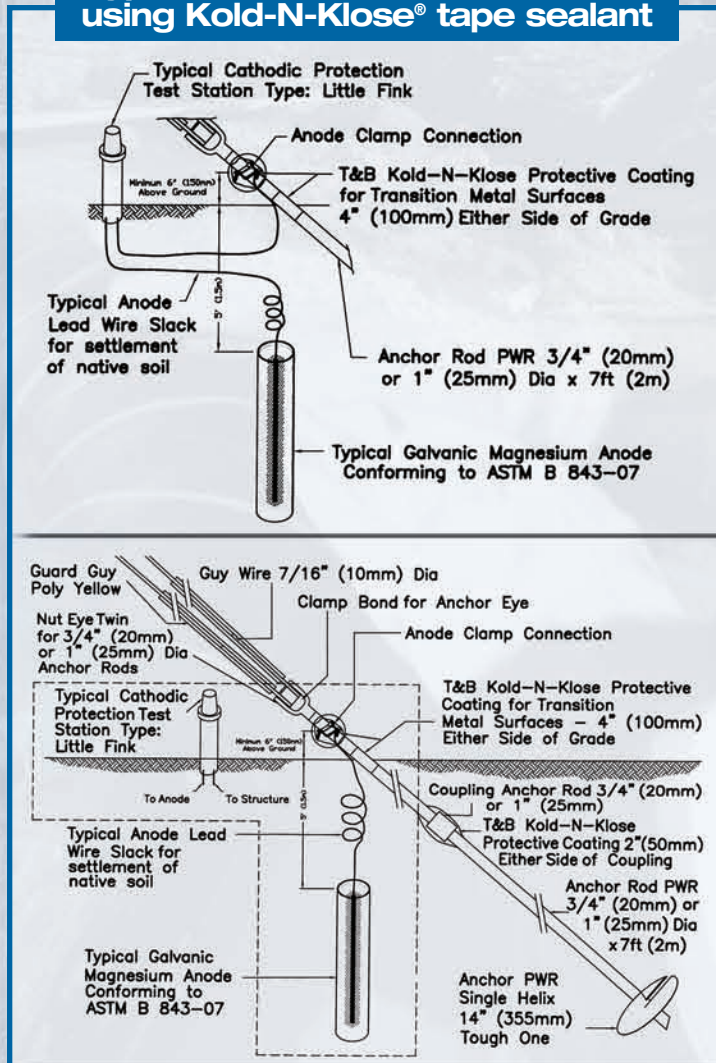


Pipes protected with tape sealant can be used above or below grade.

Features	Benefits
No primer required	Reduces installation time and inventory
No heat required	Eliminates safety concerns associated with the storage, transportation and use of torches or heat guns
UV stabilized	Tape sealant can be used above or below grade, for the protection of risers and pumping stations
Craft friendly	Uses standard installation techniques and procedures, requiring minimal training
Field support	Product literature and on-site training provided

CONFORMS TO CSA Z245.21-06 STANDARDS !

Typical buried steel anchor rods using Kold-N-Klose® tape sealant



Quick and easy to install

1



Prepare metal surface as required by industry standards.*

2



Wrap tape sealant overlapping tape edges. Ensure that no wrinkles, voids or irregularities are created.

3



Pipe can be immediately buried after application.

*The recommended standards for pipeline surface preparation call for near white sandblasting (NACE No. 2) to prepare steel pipes larger than 168 mm for taping. For pipe sizes less than 168mm operating at distribution pressure, the proper preparation will require wheel cleaning on the pipe surfaces (SSC SP3).

When using tape sealant in spiral wrapping, use only as much tension as is required to ensure that no wrinkles, voids or irregularities are created.



Tape sealant

Tough, flexible tape, coated on one side with sealant, and applied directly over bare metal to provide environmental protection of repairs and welds in above or below grade applications.

- No primer or heat required to install
- Won't split on application
- Reduces waste and inventory
- Rodent-resistant
- Unaffected by UV rays
- No cooling required after application.



Can be immediately buried.

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Cat. no.	Rolls/carton	Roll length		Roll width	
		m	(ft)	cm	(in.)
TBT2010	20	3	(10)	5	(2)
TBT2020	10	6	(20)	5	(2)
TBT4010	10	3	(10)	10	(4)
TBT4020	5	6	(20)	10	(4)
TBT6020	5	6	(20)	15	(6)
TBT8020	5	6	(20)	20	(8)
TBT12020	5	6	(20)	30	(12)

Custom sizes available on request.

Contact your T&B sales representative for details.



Sealant

All purpose, non-conductive homogeneous butyl rubber sealant useable over a wide range of temperatures: -30° C to 60° C (-20° F to 140° F) for installation, -50° C to 90° C (-60° F to 200° F) in service. To prevent confusion with other sealants, the name of the product is clearly printed on the release liner.



Cat. no.	Description
TBT-20™	Sealant provided in strips of 5 cm x 30 cm (2 in. x 12 in.) individually separated and packaged in bundles of 10 strips, 10 bundles, 30.5 m (100 ft) per case. Order by case.

Kold-N-Klose® authorized distributors

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Thomas & Betts