

Datasheet VpCI Bag

Release date : 05-07-2012

Revision date : 18-10-2017

General information

The VpCI Bag prevents corrosion by creating an inhibiting layer on metal surfaces. VpCI molecules are emitted through the membrane of the bag and provide a protective molecular layer on the pipe. The VpCI Bags can be combined with Steel Bevel Protectors and PE Plugs for pipe closure.

Application

The VpCI Bag is easy to use. Just determine the correct number of bags per unit space. Each bag protects up to 1m³. When the bag is removed, the pipe is ready for application. There is no need to remove the protective VpCI film.

Features

- ✓ Up to 24 months of continuous corrosion protection
- ✓ Little of no surface preparation required
- ✓ Does not contain nitrites, phosphates or heavy metals
- ✓ Continuous vapour re-deposition ensures a self-healing effect of the protective layer, in case it is compromised by moisture or opening of an enclosed space
- ✓ Clean and easy to use

Material specifications

Toxicological Testing Results of VpCI[®]-609

(Performed by Nortech A.S. Norway)*

- Biodegradability: 100% biodegradable in marine environment, rapidly degradable substance (OECD** 306, BOD 28 Marine test)
- Toxicity: Very low (Algae test EC-50=240 mg/L)
- Bioaccumulation potential: none (OECD Guideline 117)

*Tests performed in accordance with Oslo-Paris commission protocol

**Organization for Economic Co-Operation and Development



Fig.1 VpCI Bag

Manufacturing & Sales Company

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Typical Properties

Form: Tyvek breathable pouch

Dimensions: Width x Length x Height = 15,3cm x 25,4cm x 1,3cm
(6" x 10" x 0.5")

Weight = 330 grams (728lbs)

Metals Protected

Carbon steel, Mild steel, Stainless steel, other ferrous metals,
Aluminum (Do not use on copper, copper-based alloys, and other
soft yellow metals!)

Product range : All pipe diameters

Product code : VB

Commodity / HS code : 29211960

Additional information

- 50 units per carton, close cartons between uses
- Do not store in conditions above 65°C (150°F)
- Shelf life of unopened cartons: up to 24 months

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