

# BELZONA PROTECTS RUBBER PIPES AT WWTP FROM UV ATTACK

ID: 681

Industry: Water / Wastewater

Customer Location: Wastewater Treatment Plant, BC,  
Canada

Application: VPF-Valves, Pipes and Fittings

Application Date: August 2004

Substrate: Rubber pipe with stainless steel flanges

Products: \* Belzona® 3211 (Lagseal) ,  
\* Belzona® 3921 (GSC Conditioner) ,

## Problem

UV attacks the rubber over a period of time causing it to degrade and eventually become brittle.



## Photograph Descriptions

- \* Preparation of flexible hoses in progress. All pipes are tightly wrapped with a polythene film to prevent bleed through of the pitch from the rubber component. ,
- \* The flanges are ground and coated with Belzona® 3921 GSC Conditioner. ,
- \* Application of Belzona® 3211 in progress. Belzona® 9311 Reinforcement cloth is incorporated into the 1st coat. ,
- \* Completed application. ,

## Application Situation

Flexible rubber transfer pipes on digester

## Application Method

Application carried out in accordance with a modified version of Belzona System Leaflet VPF-12.

## Belzona Facts

This application has provided protection on similar pipes for more than 10 years. The life of unprotected pipes was 3-5 years.

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ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

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