

# BELZONA EXTENDS WORKING LIFE OF FLOWMETERS BY TEN TIMES

ID: 956

Industry: General Industry  
Application: CEP-Centrifugal Pumps  
Substrate: Various Steels  
Products: Belzona® 1391 (Ceramic HT)

Customer Location: International Manufacturer. England  
Application Date: May 2005

## Problem

*The typical life span of PTFE sleeves in certain situations in the paper industry was only 10 to 12 weeks. All other alternative abrasion resistant materials were unsuitable due to the high operating temperatures.*



## Photograph Descriptions

\* Typical Electro-magnetic flow meter , \* Revolving jigs were made to ensure ease and uniformity of the application , \* Removing the protection from the electronic sensor after application , \* Finished. Ready for dispatch ,

## Application Situation

Electro-Magnetic Flowmeters

## Application Method

Belzona Know-How System Leaflet CEP-3 was utilised and developed by customer and Consultant and has now become an OEM for the manufacturer, worldwide.

## Belzona Facts

After 6 years development prior to 2005, some 300+ meters have been produced in a range from 100mm to 400mm diameter. Protected by Belzona® 1391 they now have a typical life span of 2 to 3 years, a ten fold increase. WRAS potable water approval is added advantage. Meters have also been installed by a Water Authority in de-salination plants and distribution networks.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

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

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
Management System.

[www.belzona.com](http://www.belzona.com)

  
**BELZONA®**  
Repair • Protect • Improve