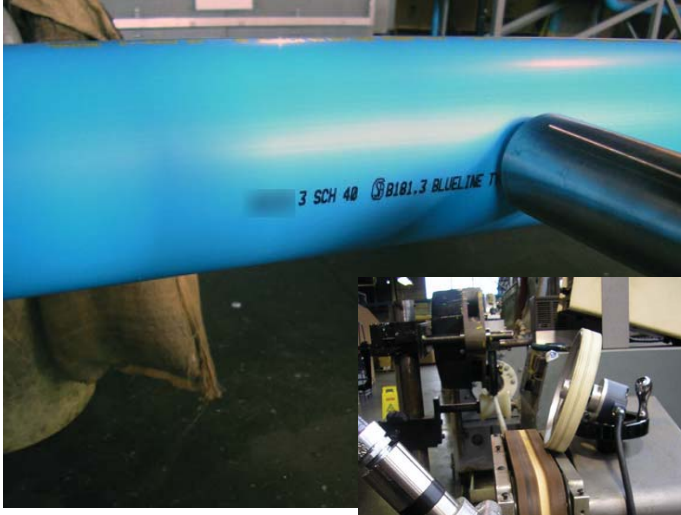
Application Case Summary

I-Mark™

EZ Touch C84

Extruded HDPE

C84 Continuous Ink-Jet Printing



Market

What is being marked?

Extruded High Density Polyethylene pipes.

Application

Why is it being marked?

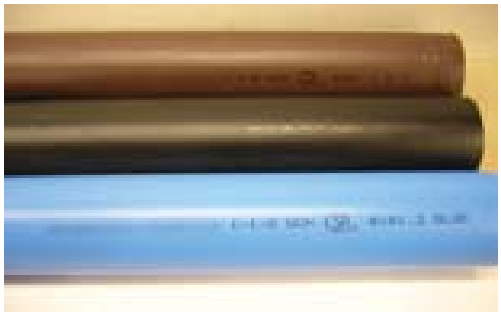
Primary identification - company name, part size, product description and mandated information (alphanumeric data, CSA, and UL logos). Characters and graphics are approximately 1/4" high.

When is it marked?

Printing down or from the side onto the extruded surface at variable speeds up to 30 fpm.

How is it marked?

Marking is accomplished with the I-Mark C84 and L-219 black ink. An encoder and continuous print trigger cable were positioned to monitor the speed of hte product and ensure high print quality.



Helpful Hints

This customer is a long-standing account for Matthews and has been using offset printers to mark their continuous, extruded product for years. The company was attracted to the C84 by the opportunity to incorporate variable information into their printing application, resulting in lower maintenance and reduced cost of operation.

Meeting requirements for the Underwriters Laboratories, Inc (UL) and Canadian Standards Association (CSA) was a requirement for this application. As additional insurance, a Corona Treatment system was installed to guarantee proper ink adhesion. Testing was successful & Matthews regularly partners with a Corona Treatment manufacturer for applications of this type. For more detail, visit, www.corotec.com.

The competing company for this application was Squid Ink (High resolution ink-jet). Our customer selected the Matthews' solution based on customer service and our proven reputation for marking on web and extrusion materials.

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