



PIPE MARKING



PIPE MARKING - LEGISLATION

Marking pipes on ships, offshore or onshore sites is essential to ensure safety at all times. Accidents, injuries and damage to machines and equipment can be caused by the fact your crew or visitors are unaware of the substances that flow through pipes. The importance of marking pipes becomes clear when we look at the different norms & regulations that are applicable.

Norms & regulations

Several regional organisations require compliance with pipe marking standards. Whether it is ANSI, ISO 14726, British Standard Institution 1710 or European Standard EC Directive 92/58/EEC, T-ISS can supply the correct and compliant pipemarkers in any color with any print that meet these standards.

Because of this variety in global or regional standards, the upcoming ISO 20560 standard (to become active in 2020) will realize a truly global, harmonized system of hazard recognition for pipemarking systems with uniformity of graphics, color-coding and formatting of safety messages. T-ISS can supply you with pipe markers that already meet the standards of this new ISO 20560 standard.

PIPE MARKING - COLOR, VISIBILITY, LAYOUT & SIZE REQUIREMENTS

The color, the color pattern, the size, the width, the content description, the letter size, the flow direction and the safety symbols differ from one standard to another. Our markers, regardless of the sector in which they are to be used, always comply with the latest applicable standards and requirements regarding legislation and regulations.

Where to apply pipe markings?

- At least one in every room for every pipe and every medium
- At frequent intervals on straight pipe runs, between 3 and 5 meter
- When pipes pass through the floor, ceiling or wall, mark both sides
- When pipes change direction
- In the proximity of each valve and pump

For particular surfaces or if the pipes have a too large diameter, it is also possible to provide individual pipe markers. This marker contains all the necessary information in accordance with legislation and regulations, such as color coding, medium name, safety symbols and possibly the direction of flow. These also differ per standard.

LAYOUT & DESIGN



CUSTOMISED PIPE MARKING



Within our production process we can make several different layouts of pipe marking. These layouts always include the mandatory (in most national norms & regulations) safety information:

- Flow direction
- GHS/CLP symbols and warning signs
- Pipe contents description

It has recently also become common to include process information, secondary language and more detailed information about the hazard symbols and even QR codes.

Our fully customisable pipemarkers can include all the pipe, contents and flow information your location (both maritime, offshore or industry & chemical sectors) needs to optimally increase workplace safety and efficiency.

We will produce all pipe markers using the colors according to the latest global or local regulations and your specific demands. We can supply customised pipe markers with an Self-Adhesive layer, or Non-Adhesive.

VARIOUS TYPES OF PIPE MARKING QUALITY

We supply pipe markers for any location (maritime, offshore or onshore) in the world. Our pipemarkers are available in 3 quality levels and can be fully customised to include any pipe, contents and flow information your location or customer needs.



**POLYESPRO®
PIPE MARKING**

PolyesPro® Pipe Marking film is a high performance non-PVC polyester sandwich, manufactured according to 3M™ MCS™ (Matched Component System™) production specifications.

With a high degree of temperature resistance, a long lifespan and perfect colourfastness, it's the highest available quality pipe marking material on the market today.



**VINYL LAMINATED
PIPE MARKING
(BASIC-LINE)**

This pipe marking tape is a standard performance vinyl sandwich manufactured according to 3M™ MCS™ (Matched Component System™) production specifications.

This tape comes with a gloss laminated finish and can be used outdoor and indoor in various types of environments.



**VINYL UNLAMINATED
PIPE MARKING
(ECONOMY-LINE)**

This pipe marking tape is an economic, unlaminate vinyl. The recommended use of this tape is indoors, and can be used outdoors with a shorter lifespan compared to PolyPro® and BASIC-LINE.

Polyespro® Pipe marking

We are supplier of the specially developed PolydesPro® pipe markings. This product is the highest available quality pipe marking and has a better temperature resistance, therefore a longer service life and improved colourfastness. The tape comes with all the usual 3M™ guarantees. PolydesPro® pipeline markings are made out of two layers; a PVC free polyester base material with the image, finished with a protective laminate. As a result, the material is suitable for insulated pipes, painted pipes and stainless steel pipes.

Benefits of PolydesPro®:

- UV-resistant
- Scratch-resistant
- Usable in extreme weather condition
- Withstand chemicals
- Strong adhesive
- Greater thickness
- Temperature resistance -40 °C up to +130 °C



PreCoiled pipe markers – Removable PolydesPro® pipe marking

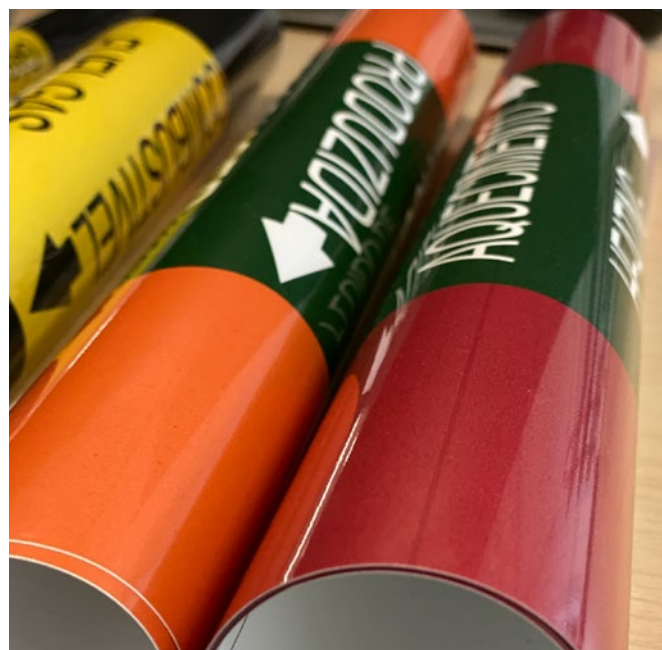
Removable PolydesPro® Pipe Marking film is a high performance non-PVC polyester sandwich, manufactured according to 3M™ production specifications, for the marking of pipes and pipeline systems. With a 3M™ base polyester material printed with LED UV Inkjet on a 3M™ Configured Printer and a 3M™ Protective Laminate, this Pipe Marking product can be used in demanding environments, and with a long expected lifetime. Legends can include warning signs, GHS symbol, pipe origin and destination, line number, QR and bar codes in addition to pipe contents.

The PreCoiled pipe markers allow for very quick installation aboard ships, platforms and industrial plants.

This product features a high-quality adhesive strip for fast and effective wrapper attachment.

Benefits of PreCoiled pipe markers

- Developed for general purpose pipe identification harsh conditions for application in maritime, offshore, petrochemical & refinery industry
- Can be used on dirty, oily, greasy or rough surfaced piping systems
- Meets various Standards like ISO 20560, DIN, ASME / ANSI Standard, BSI, etc.
- Precoiled PolydesPro® pipe markers are UV resistant, durable and can be replaced and reused.



CURIOUS?

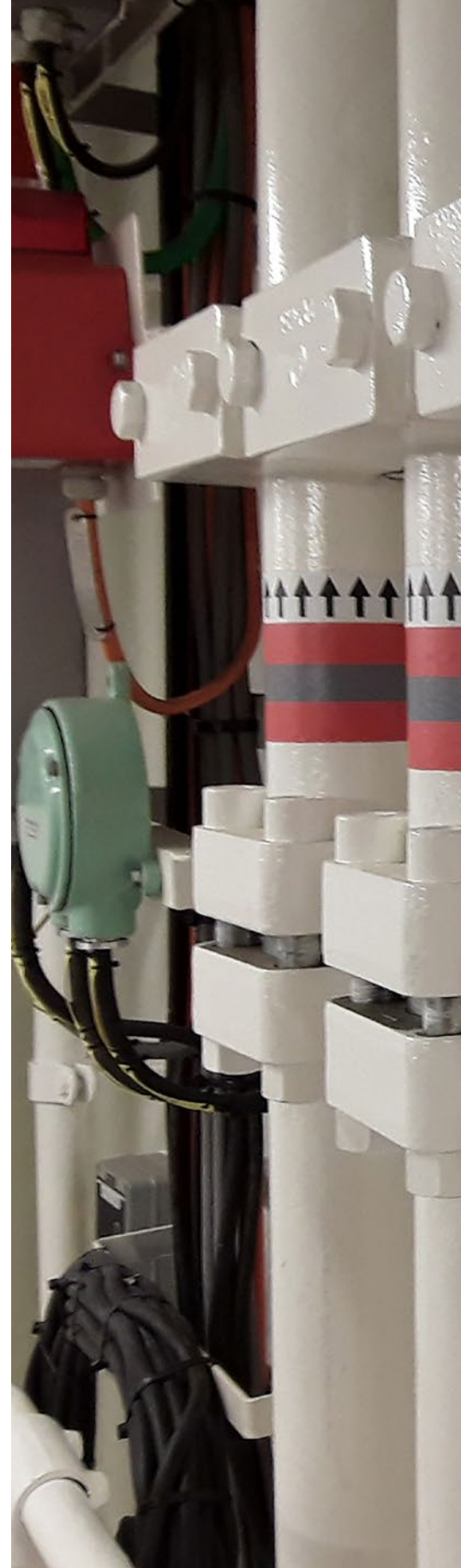
Curious about the possibilities for your organization? Please feel free to contact us!

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