



# ID-P550 Self-securing Polyester Pipe Markers

## Self-Securing Over Laminated Polyester-Based Pipe Markers



### Description

Over laminated polyester-based pipe markers for marine, offshore and petrochemical plants environments that requires low halogen markers:

- Low Halogen, made of recognized components under UL 969
- Excellent resistance to chemical and UV exposure
- Extreme service temperature range -50°C to +125°C
- Pre-coiled for ease of installation
- Excellent resistance to chemical and UV exposure
- Extended service temperature range -50°C to +120°C, up to 150°C intermittent exposure tolerance
- Polyester material using at least 25% of resin made from recycled PET-bottles

### Material & Construction

UV inks printed graphics on 61 microns high performance white polyester, over laminated with 25 microns clear gloss polyester that protects against damaging UV rays & moisture, resists elevated temperature and chemical exposure for marker protection.

Permanently bonded to high-performance permanent pressure sensitive acrylic adhesive

### Notes

When used as full-adhesive, surfaces to which the material will be applied should be thoroughly cleaned from dust, grease or any contamination which could affect the adhesion of the material and should be dry at the time of installation.

Freshly lacquered or painted surfaces should be completely cured. Compatibility of coating and paints should be tested by the user prior to application.

### Physical Characteristics

<b>Thickness<sup>i</sup></b>	86 µm [without backing/adhesive] 132 µm [with backing]
<b>Service Temperature Range</b>	-50°C to +95°C   -40°C to +125°C (Intermittent)
<b>Adhesion Properties<sup>ii</sup></b>	462 N/m
<b>Expected Service Life<sup>iii</sup></b>	Up to 10 years <sup>iv</sup>
<b>Shelf life<sup>v</sup></b>	2 years

<sup>i</sup>+/- 10%<sup>ii</sup> When used as full adhesive, ASTM D 903 (Modified for 72 hour dwell time), Ultimate peel from stainless steel<sup>iii</sup> By specialist application according to installation instructions and notes contained here within

<sup>iv</sup>Based on 5000 hours Xenon weathering

<sup>v</sup>In original packaging, at 21°C and 50% relative humidity, occasional exposure to water.

The statements in this information sheet are based upon our knowledge and practical experience. This data is intended only as a source of information and is given without guarantee and does not constitute a warranty. Due to the wide variety of possible uses and applications, customers should independently determine the suitability of this material for their specific purpose prior to use.