ID-P550

Self-securing Polyester Pipe Markers

for Marine, Oil & Gas and Industrial Applications

Technical Data Sheet

Description

Self-securing overlaminated polyester-based pipe markers for marine, offshore and petrochemical plants harsh environments

- Versatile installation: either wrap-around or full adhesive, reusable
- Low Halogen, made of UL recognized components under UL 969
- Excellent resistance to chemical and UV exposure
- Extreme service temperature range -50°C to +150°C

Materials & Construction

Solvent inks printed graphics on 61 microns high performance white polyester, overlaminated with 25 microns clear gloss polyester that protects against damaging UV rays &moisture, resists extreme temperature and chemical exposure for maximum marker protection, permanently bonded to high-performance permanent pressure sensitive acrylic adhesive with releasable waterproof 25 microns polyester liner.

Physical characteristics

Thickness[i]	86 µm [without backing and adhesive] 132 µm [with backing]
Service Temperature Range	-50°C to +150°C
Dimensional Stability	Applied Shrinkage: 24 hour dwell time on aluminum panel then 24 hours at 160°F (71°C) => No Shrinkage Observed
Adhesion Properties[ii]	462 N/m
Expected Exterior Life	6 years (Based on 2000 hours Xenon weathering)
Shelf life[iii]	2 years

[i] +/- 10%[ii] When used as full adhesive, ASTM D 903 (Modified for 72 hour dwell time), Ultimate peel from stainless steel[iii] 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.

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