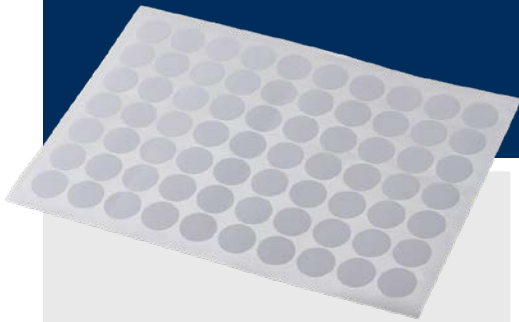


High-E stickers for infrared measurement of reflective surfaces and determination of unknown emissivity

Features:

- Especially for reflective or low-emissivity surfaces
- Increasing the object's surface emissivity
- Improves the temperature accuracy of infrared thermometers and thermal imaging cameras
- Emissivity labels ensure that the infrared sensor reads the temperature of the sticker not of the unknown emissivity of the underlying material
- Eliminate measurement deviations
- For temperatures up to 380 °C
- optimized for wavelengths from 8-14 μm



Technical data | Measurement parameters

Label material	White polyimide with durable computer imprintable top coating.
Adhesive	Pressure sensitive permanent acrylic.
Release Liner	Siliconised paper.
General Description	Emissivity labels for measurement of reflective surfaces e=0,95 / diameter: 25mm
Total thickness	62.5 μm
Abrasion Resistance	Excellent
Service temperature range	-40°C up to 388°C
Minimum application temperature	4°C
Storage stability	2 years stored at 20°C and 50% relative humidity.

Common cleaning solutions

General cleaning characteristics	Excellent (repeated cleansing)
Alcohol	Excellent (7 day immersion)
Aromatic hydrocarbons	Excellent (7 day immersion)
Ketone	Good (24 hour immersion)
Freon	Good (15 minute immersion)
SAE 20W motor oil	Excellent (24 hour immersion)
Water	Excellent (7 day immersion -21°C)
Humidity 100% r.h	Excellent (38°C oven - 14 days)
Aliphatic hydrocarbons	Excellent (7 day immersion)

Dimensions (in mm)



Specifications are subject to change without notice · Emissivity Labels DS-EN2024-07-A