

PFINDER 871

DEVELOPER

SOLVENT BASED



Version 18 | 15.01.2025 | Page 1/1

DESCRIPTION

PFINDER 871 is a solvent-based developer for penetrant testing. It is suitable for colour contrast and fluorescent penetrant testing.

PFINDER 871 can be wiped off from the surface or easily removed with water after testing. PFINDER 871 is readily biodegradable according to ISO 9888 / Zahn-Wellens-EMPA test (OECD 302 B). Details and test report available on request

Developer form d + e according EN ISO 3452-1.

APPLICATION

The capability of the penetrant system should be checked regularly by means of own reference pieces or e.g. reference test block 2 according EN ISO 3452-3.

Before use shake spray can thoroughly until mixing balls can be heard.

Application temperature
-20°C – 70°C (-4°F – 158°F)

Aerosol spray cans must not be warmed up above + 50 °C (+122 °F). Minimum working temperature for Aerosol spray cans is +5°C (41 °F).

Process description according DIN EN ISO 3452-1 see www.pfinder-ndt.com.



YOUR GREEN NDT BENEFITS

- | Aerosol spray can with minimized carbon footprint
- | Low consumption due to high opacity
- | Readily biodegradable



YOUR HANDLING + COST SAVING BENEFITS

- | Excellent developing properties
- | Quick-drying
- | Easily removable (by compressed air, water, cloth)

APPROVALS & CONFORMITIES

The product conforms to these specifications / is suitable for the use according to:

EN ISO 3452-2 | AMS 2644H |
VDA236-150 | ASTM E165 |
ASME V Art.6 | ASTM E1417

Low content of sulfur and halogens
according to EN ISO 3452-2.

PACKAGING

500-ml-spray can (for 360° application) | 10-l-canister

These packages are on stock and instantly available. Other packages on demand.
The spray characteristics of aerosol cans may change during the shelf life.

SHELF-LIFE & STORAGE

5 year

Storage between + 5 °C to + 45 °C / +40°F to +105°F
Shake or stir well before use!

CHARACTERISTIC DATA	Specification	Unit	Value
Density/20 °C*	DIN EN ISO 12185	kg/m ³	approx. 773
Flash Point*	ASTM D 93	°C	< 15
Productivity	500 ml Aerosol spray can	m ²	up to 3

* Data of products packaged in aerosol spray cans might differ.