

KD-CHECK FP-WB-1

Fluorescent Penetrant

Product Description

- Fluorescent water-based penetrant
- Type-tested according to DIN EN ISO 3452-2
- Sensitivity class (DIN EN ISO 3452-2): Level 1
- Water and solvent washable
- Suitable for metals and non-metals (suitability must be checked beforehand)
- Reduced test agent consumption due to low viscosity and optimal dripping properties
- Very good wetting properties
- Low background due to very good wash-off properties even on rough surfaces
- High test reliability due to strong contrast formation
- Very good biodegradability according to EN ISO 9888
- Can be discharged in aqueous dilution after approval by the local water authority
- Low odour

Product Specifications

- Application: IAa; IAb; IAc; IAd; ICa; ICb; ICc; ICd
- Density (DIN 51757, 20 °C): approx. 1 g/cm³
- Viscosity (EN ISO 3104, 20 °C): approx. 17 mm²/s
- Application range: +10 °C to +50 °C
- Corrosive components (fluorine, chlorine + sulphur): < 200 ppm each according to DIN EN ISO 3452-2
- Corrosive components (fluorine, chlorine + sulphur): each < 1 % according to ASME Code
- Shelf life: 5 years
- Storage temperature: 5 °C to 45 °C

Approvals and Specifications

- Low sulphur and halogen content according to DIN EN ISO 3452-2 and ASME Code, Section V, Article 6
- Type-tested according to DIN EN ISO 3452-2

Your Benefits

- Very good evaluation due to strong contrast
- Very good washability
- Low consumption
- Biodegradable
- Low odour

For the Environment

- Biodegradable, no water treatment
- Free from hydrocarbons



Packaging

- 1 l bottle (order no.: 9940.101)
- 5 l canister (order no.: 9940.102)
- 10 l canister (order no.: 9940.103)
- 25 l canister (order no.: 9940.125)
- 200 l barrel (order no.: 9940.104)
- 1000 l IBC (order no.: 9940.105)

Suitable Cleaners

- KD-CHECK PR-1
- KD-CHECK PR-2

Suitable Developers

- KD-CHECK DD-1
- KD-CHECK SD-1
- KD-CHECK WDD

KARL DEUTSCH Prüf- und Messgeräatebau GmbH + Co KG · Otto-Hausmann-Ring 101 · 42115 Wuppertal · Germany
Phone +49 202 7192 0 · info@karldeutsch.de · www.karldeutsch.de

The Technical Data Sheet provides recommendations and possible examples. Obligations or liability cannot be derived therefrom. The information is based on our current knowledge and does not release the user from personal responsibility. The object conditions and product suitability must be checked professionally and appropriately. Take into account the information given in the Safety Data Sheet. We are happy to provide test samples for trials. Issue: 11 June 2026