

High Temperature Penetrant

For Visible Penetrant Inspection

DESCRIPTION

ZChek-PH is special visible type liquid penetrant, formulated for detecting flaws on surfaces at higher temperature up to 200 Deg. C. These speeds up the inspection process time by reducing the cool down time required for standard penetrant inspection process.

CONFORMANCE /APPROVALS

- ASME B & PV Code, Sec V
- EN ISO 3452-2
- EN ISO 3452-5

FEATURES/BENEFITS

- Vivid Red – Offers High Contrast
- High Temperature Penetrant – Speeds up the inspection process time by eliminating the cooling time
- High Flash Point – Safe to Use in Open Areas
- High Sensitivity – Detects Fine Cracks
- Non Halogenated – Safe on all Metals.



APPLICATIONS

ZChek-PH is used in the inspection and detection of welding defects, fabrication- pressure vessels, castings, forgings, railways, power plants, oil & gas, maintenance etc. at elevated temperature up to 200- degree C.

TYPICAL PROPERTIES

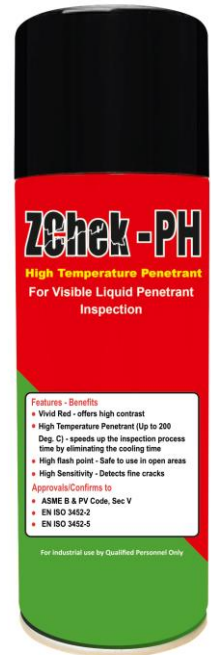
Density	0.99g / cc
Color	Vivid Red
Viscosity @ 40° C	34 cSt
Flash point	150° C

DIRECTIONS FOR USE

- Pre-clean the surface.
- Apply penetrant directly on the surface to be checked by spray or brush to a limited area.
- Penetrant dwell time depends on the temperature, higher the temperature, lower the dwell time.
- 200 deg. Celsius, 40-50 second dwell time.
- 100 deg. Celsius, 60-90 second dwell time.
- > 50 deg. Celsius, 90-120 second dwell time
- Remove excess penetrant with cloth or paper towel with cloth moistened with ZChek-CH Cleaner.
- Apply thin coat of ZChek-DH Developer for final inspection

PACK SIZES

- Aerosol Can of 520 ML 12 cans in one carton Box – Part #110201



HEALTH & SAFETY

Information on Health & Safety is made available through material safety data sheets and the same can be reviewed through the company's website www.zchem.in.

STORAGE & SHELF LIFE

Aerosol Cans have a Shelf Life of 3 Years, if unopened and stored as per ZChem recommendations.

Registered Office and Factory

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Disclaimer: We have taken best care to ensure that the information provided in this data sheet is accurate. Our product is guaranteed to conform to the specifications provided. We make no other warranty; hence the liability is limited to replacement of product only.