

## Solvent Removable Penetrant

### For Visible Liquid Penetrant Inspection Type 2 Method C

#### DESCRIPTION

ZChek-PT is a high – performance Solvent Removable Penetrant with typical penetrant characteristics of brilliant red color, optimum capillary action and high flash point. Specially formulated for detecting discontinuities in welding, Casting, Forging and many other Engineering applications.

ZChek-PT is listed on the QPL SAE AMS 2644.

#### CONFORMANCE / APPROVALS

- AMS 2644
- ASME B & PV Code, Sec V
- ASTM E165
- ASTM E1417
- IS 3658
- ISO 3452-2
- Nuclear Power Corp (Ionic Sulphur & Halogens less than 25 ppm)

#### FEATURES/BENEFITS

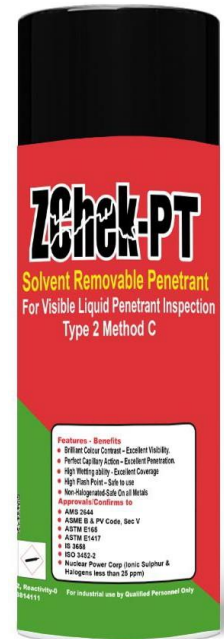
- Brilliant Color Contrast – Red : Excellent Visibility.
- Perfect Capillary Action - Excellent Penetration.
- High Wetting ability - Excellent Coverage
- Non-Halogenated - Safe On All Metals
- High Flash Point - Safe To Use

#### APPLICATIONS

Liquid penetrant inspection for welding defects in fabrication pressure vessels and defects In castings, forgings, railways, power plants, oil & gas maintenance etc,

#### TYPICAL PROPERTIES

<b>Color</b>	Vivid Red
<b>Density</b>	0.87 g/cc
<b>Viscosity @ 40°C</b>	6 cSt
<b>Flash point</b>	>93 °C
<b>Sulphur content</b>	0.1 %
<b>Chlorine content</b>	0.1 %



## DIRECTIONS FOR USE

- Pre-Clean surface using ZChek Cleaners
- Apply ZChek-PT by spray or brush and allow dwell time of 5-30 minutes or follow ASTM E1417 for the further process.

## PACK SIZES

- Aerosol cans of 520ml 12 cans in one carton box –Part #110101
- Bulk -1 Litre x 8 cans in one carton box – Part #110102
- 20 Litre Pail – Part #110104

## HEALTH & SAFETY

Information on Health & Safety is made available through material safety data sheets & the same can be reviewed through the company's website [www.zchem.in](http://www.zchem.in).

## STORAGE & SHELF LIFE

Aerosol cans have a shelf life of 3 years and the bulk packing of 5years, if unopened & 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.