

Solvent Removable Penetrant For Visible Liquid Penetrant Inspection Type 2, Method C

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

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,

CONFORMANCE / APPROVALS

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

TYPICAL PROPERTIES

 Color	Vivid Red
 Density	0.87 g / cc
 Viscosity @ 40 °C	8 cSt
 Flash point	NA Aerosol
 Flash point bulk	> 93 °C /200 °F
 Sulphur content	0.1 %
 Chlorine content	0.1 %

DIRECTIONS FOR USE



**01
Pre Cleaning**
Use ZChek-CR/ZChek-CL



**02
Penetrant Application**
Use ZChek-PT/ZChek-PTI



**03
Remove Excess Penetrant**
Use ZChek-CR/ZChek-CL
with lint free cloth



**04
Developer Application**
Dry and apply ZChek-DL



**05
Inspection**
Inspect under proper lighting
Visible Light: ≥ 1000 lux

Usage Temperature: +41 to +122 °F / +5 to +50 °C

Storage Temperature: +50 to +122 °F / +10 to +50 °C

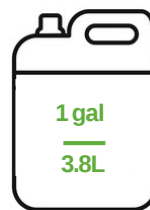
HEALTH & SAFETY

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

PACK SIZES



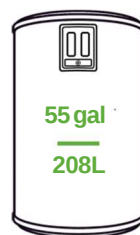
**12 cans in
one carton Box**
Part #110101



Case of 4
Part #110109



Part #110103



Part #110105

STORAGE & SHELF LIFE

Aerosol cans have a shelf life of 3 years and the bulk packing of 5 years, if unopened & stored as per ZChem recommendations.

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.