

Non Aqueous Developer For Liquid Penetrant Inspection Type 1 & 2, Form d & e

ZChék-DL is a high performance Non-Aqueous Developer used in both Type 1 & Type 2 and all methods used in Liquid Penetrant Inspection. Specially formulated to exhibit brilliant white background to enhance the visibility of indications.

ZChék-DL is listed on the QPL SAE AMS 2644.

FEATURES / BENEFITS

Brilliant White Color

Excellent Contrast

Non-halogenated

Safe on All Metals

High Area Coverage (Aerosol)

Cost Effective / Low consumption

Controlled Evaporation

Enhanced Complete Bleed Out

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 SAE AMS 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

 Coating	White, Opaque Film
 Density	0.86 g/cc
 Flash point	NA Aerosol
 Flash point bulk	-16 °C / 3 °F
 Sulphur content	0.1 %
 Chlorine content	0.1 %

DIRECTIONS FOR USE

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01
Pre Cleaning
Use ZChek-CR/ZChek-CL
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02
Penetrant Application
Use ZChek-PT/ZChek-PTI
- 

03
Remove Excess Penetrant
Use ZChek-CR/ZChek-CL with lint free cloth
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04
Developer Application
Dry and apply ZChek-DL
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05
Inspection
Inspect under proper lighting
Visible Light: ≥ 1000 lux

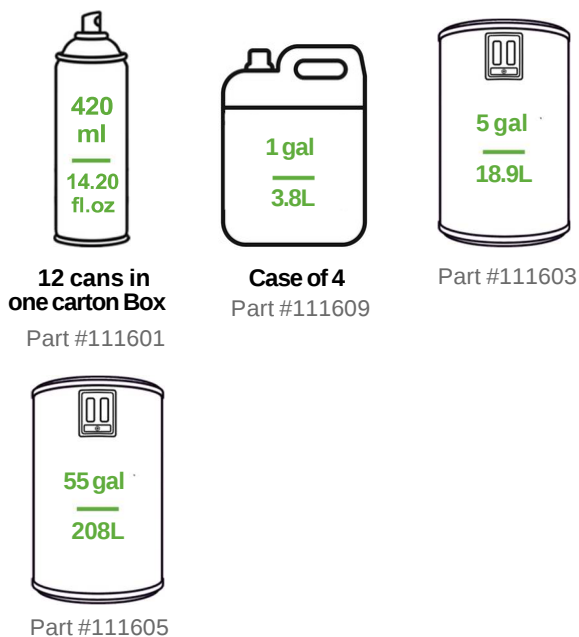
Usage Temperature: +41 to +122 °F / +5 to +50 °C

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



STORAGE & SHELF LIFE

Aerosol 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.