

FLUXO R180

White Developer for Penetrant Testing - Low Temperature

General Appearance & Composition

- White Developer for red & fluorescent Penetrant Testing
- Form d and e according to EN ISO 3452-1
- Processing Temperature : -30° to 50°C
- **FLUXO R180** is a suspension of inert white particle in a flammable volatile organic solvent.

Approval & Specifications

- NF EN ISO 3452-2 and NF EN 571-1
- NF EN ISO 3452-6
- RCC-M Code
- ASME - Boiler and Pressure Vessel Code - Section V
- ASTM E 1417 - ASTM E 165
- Low in Sulphur & Halogens (Nuclear Quality)
- PMUC - Can be used in nuclear plants

Properties

- *Aspect* : White solid particles in a clear liquid
- *Density (20°C)* : 0,89
- *Flash Point* : < 0°C
- Compatible with any metal & many synthetic materials
- Better evaporation rate than FLUXO R175

Application

- **Cleaning**: Remove rust, tinder and all contaminations from the part with **FLUXO** cleaner
- **Application of Penetrant**: Apply **FLUXO** Penetrant: Application by immersion, spraying, brushing, dipping, etc... Allow to penetrate for at least 10 minutes.
- **Removal**: Remove the excess penetrant from the surface, with water. If you can't or don't want to use water, remove the excess penetrant with solvent **FLUXO S190** or remover **FLUXO N130**.
- **Drying**: Begin drying procedure immediately after water wash.
- **Developing**: Apply **FLUXO R180** developer on the part, achieving a thin and uniform layer.
- **Inspection**: Parts shall be inspected as per ISO 3059 standard requirements. Surface defects will appear as red or fluorescent indication.

Shelf Life

- Minimum of 5 years, stored at room temperature

Pack Sizes

- Aerosol Can 500mL

