



**Fluxo**  
NDT products



Tehran, Tehransar

## FLUXO P125

Water Washable Red Dye Penetrant - Sensitivity Level 2

### General Appearance & Composition

- Water Washable and Solvent Removable Red Dye Penetrant
- Method A/C - Type 2 - Level 2 according to EN ISO 3452
- Low level of background / excellent washability
- **FLUXO P125** is a stable solution of petroleum distillates (high flash point), nonionic surfactants and red dyes.
- Processing Temperature: 0° to 50° C
- Associated products:
  - Cleaner / Remover: **FLUXO S190 / FLUXO N130**
  - Solvent Based Developer: **FLUXO R175 - FLUXO R180**
- Manufacturer: **SREM TECHNOLOGIES**

### Approval & Specifications

- Sensitivity Level 2 according EN ISO 3452-2
- EN ISO 3452-2
- EN ISO 3452-6 (Low temperature)
- 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: Red Liquid
- Density (20° C): 0,855
- Flash Point: > 82° C
- Viscosity : 3 mm<sup>2</sup>/s (40° C)
- Compatible with any metal & many synthetic materials

### Instructions for Use

- **Cleaning:** Remove rust, tinder and all contaminations from the part with **FLUXO** cleaner
- **Application of Penetrant:** Apply **FLUXO P125:** 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** 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 indication.

### Shelf Life

- Minimum of 5 years, stored at room temperature.
- Please refer to the Safety Data Sheet

### Pack Sizes

- Aerosol Can 500mL
- Drum 1L - 5L - 10L - 200L

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## FLUXO R175

Solvent Based Developer for Penetrant Testing

### General Appearance & Composition

- Solvent Based Developer for Red & Fluorescent Penetrant Testing
- Form d/e according to EN ISO 3452
- **FLUXO R175** is suspension of inert white particle in a flammable volatile organic solvent.
- Processing Temperature: 10° to 50°C
- Associated products:
  - Cleaner / Remover: **FLUXO S190** / **FLUXO N130**
  - Penetrant: **FLUXO** penetrant
- Manufacturer: **SREM TECHNOLOGIES**

### Approval & Specifications

- EN ISO 3452-2
- 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: 12 °C
- Compatible with any metal & many synthetic materials



### Instructions for Use

- **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 R175** 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.
- Please refer to the Safety Data Sheet

### Pack Sizes

- Aerosol Can 500mL
- Drum 5L - 10L

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## FLUXO S190

Cleaner/Remover for Penetrant Testing

### General Appearance & Composition

- Cleaner / Remover for Red & Fluorescent Penetrant Testing
- Method C according to EN ISO 3452
- **FLUXO S190** is a mixture of solvents.
- Processing Temperature: 0° to 50° C
- Associated products:
  - Developer : **FLUXO R175 / FLUXO R180 / FLUXO RD1**
  - Penetrant: **FLUXO** penetrant
- Manufacturer: **SREM TECHNOLOGIES**

### Approval & Specifications

- EN ISO 3452-2
- EN ISO 3452-6 - Low Temperature
- 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: clear liquid
- Density (20° C): 0,72
- Flash Point: -4° C
- Compatible with any metal & many synthetic materials



### Instructions for Use

- **Cleaning:** Remove rust, tinder and all contaminations from the part with **FLUXO S190** 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 R175 / 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.
- Please refer to the Safety Data Sheet

### Pack Sizes

- Aerosol Can 500mL
- Drum 5L - 200L



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