



## Product Data

**Neon WW Fluorescent Dye Penetrant**  
Water Washable or Solvent Removable Visible Red Penetrant

### Dye Penetrant Inspection Process

**Neon WW** is a Fluorescent high grade Water Washable or Solvent Removable Fluorescent Dye Penetrant. It utilises a hydrocarbon carrier with additives to help give it the "Searching" properties required.

#### Typical Properties

Form	Green Mobile Liquid
Density	0.82
Flash Point	>100°C

#### Method of Use

Spraying (Including Aerosols), brushing or immersion.

**NEON WW** is applied to clean grease free surfaces. If coatings are present they must be removed. Surfaces must initially be degreased using JAC-2 cleaner. The Penetrant is allowed a contact time on the surface of between 15-30mins. If applied and allowed to drain for longer than 30mins, the product must be re-applied before Penetrant Removal is undertaken.

Surface Penetrant Removal is undertaken either with the use of a low pressure water or air/water jet, or by wiping with a lint free cloth impregnated with JAC-2. After surface removal of Penetrant, the component or area must be dried and a thin film of Developer is immediately applied (Either JAD or JAD-2 products are compatible)

Large defects will appear almost instantly as yellow green indications under UV Light. Finer defects may require up to 10mins to appear. Examine under a minimum UV light intensity of 1000microwatts per cm<sup>2</sup>.

White background light must be less than 20 Lux

Always ensure there is adequate ventilation, remove sources of ignition and read the COSHH info.

**NEON WW** can be used in conjunction with **JAD, JAD-2** and **JAC-2** Penetrant Materials

The Dye Penetrant System provides a high level of integrity when used on welded fabrications, pressure vessels, structures, pipes, castings, forgings and many other non-ferrous and ferromagnetic components. (Although ferromagnetic components are usually tested for surface breaking defects using the MPI Process)

### Specification Compliance

**NEON WW** Complies with BS EN ISO 3452-2 and is a LEVEL 2 classification Penetrant (Also Mil Approved)

**COSHH** – Please read the relevant COSHH for this product.

### Alternative Products

**JAP** Solvent Removable Visible Red Penetrant

**JAP WW** (Visible Red Water Washable / Solvent Removable Penetrant)

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