



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 cm².

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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