

Couplants

The **Sonagel** range is designed for use on all types of metallic surface and is especially suited to solving the problems of rough, pitted, uneven surfaces allowing smooth probe movement during testing. The thixotropic properties of this couplant give excellent wetting and acoustic transmission and do not allow the product to flow all over the test area. This makes it very economical to use as you only cover the working area and not the whole piece, and is especially suitable for vertical and overhead surfaces.



Sonagel incorporates chemicals, which allow very slow drying even at elevated temperatures, whilst being free of VOC's and other hazardous materials. However, it

does contain a special tracer dye to enable areas to be checked for coverage but the couplant is still very easily removed with gentle water washing or solvent wipes.

Sonagel W Sonagel W is a stable clear yellow water based couplant gel specifically designed for ultrasonic inspection. It is non-toxic and safe for the environment and is available in easy to use 125ml applicator bottles, 250ml bottles, as well as in plastic 1 litre, 5 litre and 25 litre bulk containers (with suitable carrying handles).



***NB:** this product operates within a temperature range of -10°C - 60°C and has a flash point of 160°C (PM) when used for long periods at elevated temperatures.

- T-09** 125 ml Bottle
- Sonagel W1** 1 Litre Tub
- Sonagel W1/T** 1 Litre Bottle
- Sonagel W5** 5 Litre Tub
- Sonagel W25** 25 Litre Tub

Sonagel D1 is a bright yellow fine powder that when mixed with water, forms a stable clear yellow gel specifically designed for ultrasonic inspection. 1 kilo of D1 powder makes 20 litres of couplant when mixed with water. This product is specifically designed for 'on site' spot tests where it is impractical to carry or deliver ready to use couplant in bulk.



Sonagel D1 1 KG - mixes to 20 litres

Sonagel O is a stable pink/orange oil based couplant gel intended for use as a replacement for mineral oils and greases, within NDT environment. Hydrocarbon based, and retains a gel state without causing corrosion or drying on the test surface. The gel has a flash point of 175° (PM) and operates within the temperature range of -10°C - 75°C.



Sonagel O is available in easy to use 125ml applicator bottles as well as in plastic 1 litre, 5 litre and 25 litre bulk containers (with suitable carrying handles).

- T-08** 125 ml Bottle
- Sonagel 01** 1 Litre Tub
- Sonagel 05** 5 Litre
- Sonagel 025** 25 Litre

Sonagel LTHT is a thick translucent couplant paste specifically designed for ultrasonic inspection at temperatures up to 250°C and is non-toxic and safe for the environment and is easily removed with solvents such as Alcohol, Acetone or Hydrocarbon distillates.



Hazardous decomposition does not occur at elevated temperatures, the product will start to liquify as temperatures increase up to 300°C.

Sonagel-LTHT 1 Litre Tub

All products meet the sulphur and halogen requirements of nuclear and industrial specifications.

Please contact nic@sonatest.com for further details