

Ultrasonic Couplant



The FlawGel Ultrasonic Couplant is specially designed to work effectively on both horizontal and vertical surfaces. It showcases durability, allowing it to be used on moderately heated surfaces up to around 75°C. Additionally, FlawGel is non-corrosive, making it safe for use on various metal surfaces without causing any harm. A key benefit of the FlawGel Couplant is its quick and easy application across large areas.

It is offered in two variants: FlawGel GF and FlawGel PF, both crafted to enhance the efficient transfer of sound energy between the transducer and the test piece during inspections.

Salient features:

- Acoustically exact on vertical, horizontal, and overhead surfaces
- Typical concentration: 40 grams per liter, but a Thinner or thicker gel can be obtained by altering the concentration of the powder per litre
- Self and quick Deaeration
- Excellent coupling properties on smooth to rough surfaces
- Non-toxic & cost-effective
- Quick gel time at ambient temperatures in less than 5 mins
- Low in Sulphur & Halogens

Technical data for Ultrasonic Couplant:

Part No.	Description	Approval & Specifications	Standard Packaging
FlawGel - PF	Powder Form	DIN EN ISO 25493, ASME BPVCT-(8330), FAA-AC#25-29(glycerin free), AWS, API, ISO 16810:2024	Pack of 1kg
FlawGel - GF	Yellow Fluorescent gel		Pack of 500 ml

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