

Couplants for ultrasonic testing

NORD-TEST



Temperature Range in °C

US-A	-5 to +80
US-B	-30 to +100
US-C	+18 to +100
HT	-40 to +250

Couplants serve as tools for undisturbed coupling of ultrasonic probes to the surface of test objects. The couplant bridges possibly interfering air gaps between the probe and the test item which would hinder the ultrasound to enter the test component.

HELLING couplants are highly viscose, non-toxic, non-corrosive and water-washable. The content of sulphur compounds and halogens is less than 50 ppm.

The couplants are applicable within a large temperature range (see table above). For tests of surfaces at high temperature special couplants with the required heat resistance are available.

Particular features of the HELLING couplants are:

- They contain less than 50 ppm (=0.005%) sulphur and halogens, respectively
- They contain anti-corrosive and bactericidal components
- They can be removed with water
- They are harmless to health and are not subject to labelling requirements
- Can be delivered in any colour upon the client's request

Heidgraben, July 2018
Subject to technical changes