

DG type-examination certificate

File DG-3007 / rev. 2 Date: 16.01.2002

DANISH GOVERNMENTAL GAS INSTITUTE

hereby issues



type-examination certificate no. DG-3007

to

Henkel Norden AB, Copenhagen Filial af Henkel Norden AB, Sverige Hørsvinget 7 DK-2630 Tåstrup

regarding conformity with the Danish Gas Regulations, Section C-2

| Type of appliance: | Hardening thread sealing |
|--------------------|--------------------------|
| Manufacturer: | Loctite Ireland Ltd. |
| Trade mark: | Loctite |
| Type: | 542 |

We refer to the following material:

Annex 1: Appliance identification and technical data

Annex 2: Approval documentation for the product and the production control

Annex 3: General conditions for modifications

Danish Governmental Gas Institute

Ulla Hansen

Manager, Type-certification



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ANNEX 1

| APPLIANCE IDENTIFICATION | | |
|--------------------------|----------------------|--|
| Material group: | 08.11 | |
| Manufacturer: | Loctite Ireland Ltd. | |
| Trade mark: | Loctite | |
| Type: | 542 | |

| TECHNICAL DATA | | |
|-------------------|---|--|
| Category: | $III_{1a21I3B/P}$ | |
| Max. pressure: | 4 bar | |
| Max. temperature: | + 80°C | |
| Comments: | Only for use on factory fitted components, not intended for subsequent disassembly. | |



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ANNEX 2

| APPROVAL DOCUMENTATION | | | |
|---|---|--|--|
| The following documentation forms basis for the approval: | | | |
| 1. | DG approval of November 18, 1992 | | |
| 2. | Data plate dated November 5, 1996 | | |
| 3. | Material specification according to S & Q Tech A/S report | | |
| 4. | Approval certificate no. M119 from National Standards Authority System of Ireland for the Loctite Ireland Ltd. QA system conformity with ISO 9001, dated January 01, 1998 | | |
| 5. | Certificate of conformance from Loctite Ireland Ltd, dated October 14, 1996, on conformity of all 542 batches with specifications. | | |



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ANNEX 3

GENERAL CONDITIONS FOR MODIFICATION OF THE APPLIANCE

Future modifications of the product design shall be in accordance with the following conditions:

- 1. Any modification or change of the design which influences the gas technical parameters must be approved by DGP before implementation.
- Small changes in the design, which are clearly not covered by clause 1, can be made without approval from DGP.
 - However, information on these changes, e.g. by copy of the revised drawings, must be forwarded to DGP for updating of files.
- 3. Information on changes in trade names, model or type designation must be forwarded to DGP for revision of the DG type-examination certificate.

GENERAL CONDITIONS FOR MODIFICATIONS OF THE PRODUCTION CONTROL

Future modifications of the production control shall be in accordance with the following conditions:

 As the DGP approval of the production control is based on a third-party-certification of the quality system, DGP must be notified of any changes in the quality system's certification status with National Standards Authority System of Ireland.