

APPROVAL CERTIFICATE

DNV·GL

This is to certify, that the undernoted products have been approved in accordance with the relevant requirements of the DNV GL Approval System.

Certificate No. **94 598 - 10 HH**

Company **Reinz-Dichtungs-GmbH**
Reinzstr. 3-7
89233 Neu-Ulm, GERMANY

Product **Flat Gaskets and Gasket Materials - Asbestos free**

Type **AFM 30, AFM 34, AFM 34 IGV, AFM 37, AFM 38, AFM 39**
AFM 34 CO ME (with inner bead)

| Technical Data / Application | Technical Data | AFM 30 | AFM 34 | AFM 34 IGV |
|------------------------------|---|-----------|---------|------------|
| | Density (DIN 28090-2) - g/cm ³ | 1,75-1,95 | 1,8-2,0 | 2,0-2,2 |
| | Compressibility (ASTM F36 J) - % | 7-15 | 5-8 | >5 |
| | Recovery (ASTM F36 J)- % | >50 | >55 | >60 |
| | Tensile strength across (DIN 52910) - N/mm ² | >9 | > 12 | ~20 |

The specified data are for standard gasket material of 2mm thickness
Continuation on page 2.

Range of Application

Refer to page 2.

Approval Standard **DIN 86076:2007 and further relevant ASTM, DIN and EN standards.**

Documents **- Test report dated 21.04.2010-AFM37-EN13555, DVGW test reports acc. to DIN 3535-6, Quality control reports according to standards referenced.**
- List of specific values of gaskets materials dated 05/2000
- Technical Data Sheet 330,334,941,337,338,339

Remarks **None.**

Valid until **2020-07-01**


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File No. **XI.B.03**

Hamburg, 2015-06-18

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Olaf Drews


Hagen Markus

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Certificate No. **94 598 - 10 HH**

| Technical Data | AFM37 | AFM38 | AFM 39 |
|--|---------|---------|---------|
| Density (DIN 28090-2) - g/cm ³ | 1,9-2,1 | 1,5-1,7 | 1,8-2,0 |
| Compressibility (ASTM F36 J) - % | 7-15 | 15-25 | 9-18 |
| Recovery (ASTM F36 J)- % | >50 | >60 | > 55 |
| Tensile strength across (DIN52910) - N/mm ² | > 6 | > 5 | > 5 |

The specified data are for standard gasket material of 2 mm thickness

Range of Application

- Ship's piping systems excluding cargo lines on Chemical and Gas Tankers carrying propylene oxide and mixtures of ethylene / propylene oxide.
- Maximum allowable working pressure and temperature according to the specification of the manufacturer.

The selection of the gasket material for the corresponding service, the storage and the proper installation are to be according to the manufacturers instructions.

Marking

Manufacturer name Reinz, Gasket type and further data according to Reinz quality standard.

Production place

REINZ-Dichtungs-GmbH
Reinzstr. 3-7
89233 Neu-Ulm, Germany

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