

TYPE EXAMINATION CERTIFICATE

Certificate No:
341.1-J-5976 Rev.0

This is to certify that the product(s)
Fuelling Hoses

with name and/or type designation(s)
XHD / XTW / LTW
acc. to **EN 1761:1999**

Manufactured by
ELAFLEX - Gummi Ehlers GmbH
Schnackenburgallee 121, D - 22525 Hamburg, Germany

has been assessed, on voluntary basis, with respect to
the conformity assessment procedure described in the standards as amended, and found to comply

Further details are given overleaf

Høvik, 2015-05-21
for DNV GL



(name)
Certification Manager

DNV GL AS, Høvik

This Certificate is valid until
2025-05-20



(name)
Technical Reviewer

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. Except for any liability caused by DNV GL's gross negligence or wilful misconduct, DNV GL's maximum cumulative liability arising out of or related to the use of or reliance on this document shall be limited to USD 300 000. The digitally signed and electronically distributed document is the original and valid certificate. Ref.: www.dnv.com/digitalsignatures

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Certificate history

Revision	Description	Issue Date
0	Original certificate	2015-05-21

Products covered by this Certificate

Product Name	Product Description	Applied Product Std.
XHD XTW LTW	Rubber hoses and hose assemblies for fuel truck delivery	EN 1761:1999

Design Data

Maximum allowable pressure (PS)	Maximum / Minimum allowable temperature (TS)	Fluid	Fluid group
XHD 20 bar	+65/-20°C	Petroleum Fuels	1
XTW 20 bar	+65/-20°C	Petroleum Fuels	1
LTW 20 bar	+65/-20°C	Petroleum Fuels	1

Applications/Limitations

- This Certificate only relates to standards described above. Other standards or directives, covering other phenomena, might also apply.

Tests carried out on


Product Name / Identification	Tests
XHD / OD 35 mm, lot #68145	acc. to above product standards
Production Site Name	Address
ContiTech Schlauch GmbH	Continentalstr. 3-5, D - 34497 Korbach, Germany

Inspection of manufacturing and testing of prototype(s) has been carried out by DNV GL Hamburg, ref. Assessment Report dated 2015-05-12.

Documents reviewed

Drawing/Document No	Rev.	Date	Title	Status ¹
ELAFLEX catalogue	9 and 6	2013	Aircraft Refuelling Hoses	FI
M-10-01-06V			Verfahrensvorschrift	AC
Z1285/1023			Production Specification	AC

¹ A = Approved, AC = Approved with comments, FI = For information



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Terms and conditions

The certificate is subject to the following terms and conditions:

- In case of damages caused by defective products, directive 85/374/EEC, as amended, will apply
- The Certificate is only valid for the product(s) listed above
- The Certificate is concerned with the design and prototype testing of the product, only

The following may render this Certificate invalid:

- Changes in the design or construction of the product(s)
- Changes or amendments to the referenced directive(s)
- Changes or amendments in the standard(s) which form the basis for documenting compliance with the essential requirements of the directive(s)

Marking of product

This Certificate does not give the Manufacturer the right to CE mark the product(s) listed on this Certificate.

The manufacturer marking includes the Elaflex logo and a yellow band every 4 meters as well as the embossing per standard requirements.