

# Test certificate

Number **TC3542** Revision **0**

Project number: ....

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Issued by NMI Certin B.V.  
Hugo de Grootplein 1  
3314 EG Dordrecht  
The Netherlands

By virtue of The Dutch Weights and Measures regulations for measuring systems for liquid other than water: "IJKregeling vloeistofmeters en vloeistofmeetinstallaties".

Applicant Balflex Portugal S.A.  
R Bouça dos Estilhadouros, 226  
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4445-044 Ermesinde  
Portugal

Submitted **A hose destined for a fuel dispenser**

Manufacturer : Balflex Portugal S.A.

Designation : **BALFLEX FUEL PUMP HOSE - EN 1360/1-DN19 - WP 16 BAR / 260 PSI R< 1MΩ**

Characteristics Numbers of channels : 1  
Liquid : gasoline, kerosene and gasoil

Description and Documentation The hose is described in the Description No. TC3542 revision 0 and documented in the Documentation Folder No. TC3542-1, belonging to this Testcertificate.

Remarks An overview of the performed tests is given in the Appendix belonging to this Testcertificate.

Dordrecht, 19 March 2004.  
NMI Certin B.V.

Ing. C. Oosterman  
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# Description

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## 1 General information on the hose, destined for a fuel dispenser

All properties, mentioned or not, of this hose, shall not be in conflict with Dutch Weights and Measures regulations for measuring systems for liquids other than water: "IJKregeling vloeistofmeters en vloeistofmeetinstallaties".

### 1.1 Essential Characteristics

The characteristics are given on page 1 of this TC3542 Revision 0 .

### 1.2 Essential Shapes

- Dimensions of the hose
  - Inner diameter : 19 mm ( ±0.8)
  - Outer diameter : 31 mm ( ±0.9)
- Inscriptions.  
At least, or the inscription "Balflex DN 19 ", or "TC3542", or both inscriptions on the hose.

### 1.3 Conditional Shapes

See chapter 2 of this Testcertificate.

## 2 Conditions for Approval

If the hose is applied in a measuring system:

- the construction must be in accordance with the Description and Documentation Folder belonging to this Testcertificate.
- the length meets the following requirements (related to 1 x MSVD), due to the variations of the internal volumes, when the hose is under pressure:

Bar (e)	Maximum length (in cm) if MMQ is 2 L	Maximum length (in cm) if MMQ is 5 L
1	1259	3149
2	854	2136
3	675	1688
4	590	1474

# Appendix

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Performed tests on the hose destined for a fuel dispenser:

TEST	PART	TYPE	TEST REPORT	TEST HOUSE
Tested on 1, 2, 3 and 4 bar liquid: water The tests were carried out without a hose reel	Hose: Manufacturer: Balflex Portugal S.A.	Balflex DN 19	-	NMi Certin B.V.