T e s t c e r t i f i c a t e

Number **TC3541** Revision **0**
Project number: 403320

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 Bouca dos Estilhadouros, 226 ZI Alto de Vilar - Alfena 4445-044 Ermesinde Portugal
Submitted	**A hose destinated for a fuel dispenser**
	Manufacturer : Balflex Portugal S.A.
	Designation :**BALFLEX FUEL PUMP HOSE - EN 1360/1- DN16 – 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. TC3541 revision 0 and documented in the Documentation Folder No. TC3541-1, 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
Manager Certification Dordrecht

Nederlands Meetinstituut
Hugo de Grootplein 1
3314 EG Dordrecht (NL)
telefoon (078) 633 23 32
internet www.nmi.nl

NMi B.V. (Kamer van Koophandel Haaglanden nr. 27.228.701)

Werkmaatschappijen:
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1 General information on the hose, destinated 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 TC3541 Revision 0 .

1.2 Essential Shapes

- Dimensions of the hose
  - Inner diameter : 16 mm (±0.8)
  - Outer diameter : 26 mm (±0.9)
- Inscriptions.
  At least, or the inscription "Balflex DN 16 ", or "TC3541", 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	802	2005
2	713	1783
3	640	1600
4	558	1395

A p p e n d i x

Performed tests on the hose destinated 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 16	-	NMi Certin B.V.