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

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 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 – DN25 - 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. TC3543 revision 0 and documented in the Documentation Folder No. TC3543-1, 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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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 TC3543 Revision 0 .

1.2 Essential Shapes

- Dimensions of the hose
  - Inner diameter : 25 mm (±1.25)
  - Outer diameter : 36 mm (±0.9)
- Inscriptions.
  At least, or the inscription "Balflex DN 25 ", or "TC3543", 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	593	1481
2	463	1158
3	341	852
4	292	731

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 25	-	NMi Certin B.V.