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## Test Report No. 1.1 / 21524 / 1319.0.1-2015e

### General

Issued : 15 December 2015

Order by : **Monarflex s.r.o.**  
Továrenská 1  
94303 Sturovo, SLOVAK REPUBLIC

Material : Gas and moisture barrier consisting of a PES grid and a aluminium foil in between  
LDPE membrane (grey)  
**Monarflex RAC**  
(declaration by customer)

Order date : 30 October 2015

Samples delivered : 18 November 2015

Tests	Standard	Issue	Results as Enclosure No.
1. Determination of gas transmission rate (Test gas: Methan, test temperatur: 23 °C)	ISO 15105-1	10.2007	

The results apply exclusively to the specimens submitted.

The date of testing is reported on the enclosed enclosure/-es.

Results are reported to the accuracy given in the standards. In statistical evaluation, the measured accuracy is taken.

This test report contains 2 pages.

It may not be published in parts.

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**Summary of results**


Date / Ref. : 15 December 2015 / cs


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LDPE membrane (grey)  
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Test	Standard	Unit	Result
Determination of gas transmission rate Test gas: Methan (CH <sub>4</sub> ) Thickness Gas permeability at 23 °C / 0 % r.H.	ISO 15105-1 10.2007	mm cm <sup>3</sup> /(m <sup>2</sup> ·d·bar)	0,78 ≤ 0,12

The test was performed in an external laboratory.

  
i.V. Dipl.-Ing. (FH) Christoph Staubermann  
(Head of test laboratory)



  
i.A. Matthias Käsekamp, B.-Eng.  
(Staff of test laboratory)