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order number: DIG07003

Customer: Dinamik Isi lLtd. Şti.  
1203/4 Sk. No.1/A Ege Ticaret Merkezi  
Yenişehir – İZMİR

Product tested	Thickness			Relative humidity	Temperatur	Water vapor transmission rate	Water vapor transmission rate	Density	Water vapor resistance factor $\mu$	Equivalent airlayer thickness
	min	max	MW							
	mm	mm	mm	%	°C	g/(m*d)	g/(m <sup>2</sup> *d)	kg/m <sup>3</sup>	--	m
Dynaflex 19 mm	17,5	19,5	18,7	50	23	—	0,40	30	3230	60

Date: 17. July 2007

measured by:

Becker

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order number: DIG07001

Customer: Dinamik Isi lLtd. Şti.  
1203/4 Sk. No.1/A Ege Ticaret Merkezi  
Yenişehir – İZMİR

Product tested	Thickness			Relative humidity	Temperatur	Water vapor transmission rate	Water vapor transmission rate	Density	Water vapor resistance factor $\mu$	Equivalent airlayer thickness
	min	max	MW							
	mm	mm	mm	%	°C	g/(m*d)	g/(m <sup>2</sup> *d)	kg/m <sup>3</sup>	--	m
Dynaflex 19 x 28*	19,9	21,4	20,5	50	23	0,052	0,35	32	3290	67

Date: 17. July 2007

measured by:

*Becker*

\* The calculation is based on the measured inner diameter of 29 mm.

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order number: DIG07001

### Determination of the thermal conductivity

Customer: Dinamik Isi ILtd. Şti.  
1203/4 Sk. No.1/A Ege Ticaret Merkezi  
Yenişehir – İZMİR

Product name: Dynaflex • 19 x 28

Diameter of the test tube: 28,0 mm  
Thickness: 20,5 mm  
Density: 32 kg/m<sup>3</sup>

Sample conditioning: The sample has been tested like delivered.

mean temperature °C	thermal conductivity $\lambda$ W/(m·K)
9,02	0,03946
19,31	0,04171
28,95	0,04379
38,71	0,04629

mean temperature °C	0	10	20	30	40
thermal conductivity W/(m·K)	0,037	0,040	0,042	0,044	0,046

Date: 17. July 2007

tested by:

*Becke*

### Thermal conductivity of Dynaflex, 19 x 28.

