

Declaration of Performance No. 06-CPR-2013-11-20



- 1. Product-type:** AEROFLEX® FIRO
- 2. Type, date of manufacture:** See Label
- 3. Intended use:** Thermal insulation products for building equipment and industrial installations - Factory made flexible elastomeric foam (FEF) products
- 4. Manufacturer and address:** AEROFLEX Europe GmbH
Im Lehrer Feld 30
89081 Ulm
GERMANY
- 5. Authorised representative:** Not relevant
- 6. System:** System 1 and 3
- 7. Notified Body:** Forschungsinstitut für Wärmeschutz e.V. München
Lochhamer Schlag 4
82166 Gräfelfing, Germany
Notified Body 0751

8. Declared performance:

Essential characteristics		Performance								Harmonised technical specification
Reaction to fire	Form	Type		Nominal thickness		Class				EN 14304:2009
		AEROFLEX FIRO		6 mm to 45 mm		B _L -s3, d0				
	Tube	AEROFLEX FIRO SA		6 mm to 25 mm		B _L -s3, d0				
		AEROFLEX FIRO SA		>25 mm to 45 mm		D _L -s3, d0				
		AEROFLEX FIRO SAT		6 mm to 25 mm		C _L -s3, d0				
		AEROFLEX FIRO SAT		>25 mm to 45 mm		D _L -s3, d0				
		AEROFLEX FIRO SA COVER		9 mm to 45 mm		E _L				
	Sheet, Roll	AEROFLEX FIRO		3 mm to 32 mm		B-s3, d0				
		AEROFLEX FIRO SA		3 mm to 32 mm		B-s3, d0				
		AEROFLEX FIRO SA COVER		3 mm to 32 mm		E				
Tape		AEROFLEX AEROTAPE FIRO		3 mm		B-s3, d0				
Thermal conductivity	θ °C	-30	-20	0	10	20	40	50	70	
	λ _D W/(m·K)	0,031	0,032	0,034	0,035	0,036	0,038	0,039	0,41	
Maximum service temperature	Tube	ST(+) ₁₁₀ (= +110°C)								
	Sheet, Roll, Tape	ST(+) ₁₀₀ (= +100°C)								
Water absorption	WS01 (≤ 0,1 kg/m ²)									
Water vapour diffusion resistance factor	MU10000 (μ ≥ 10 000)									

- 9.** The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4. Signed for and on behalf of the manufacturer by:

Norbert Ebinger, Head of Development and Product Management
(Name and function)

Ulm, 20.11.2013
(Place and date of issue)

p.o. 
(Signatur)