

**Declaration of Performance
No. 0543-CPR-2013 (1e)**



construction product:	Factory made flexible elastomeric foam (FEF) with and without coatings
Identification of the construction product:	See relevant product labels
Intended use:	Thermal insulation of building equipment and industrial installations (ThiBEII)
manufacturer / plant:	Armacell GmbH, Robert-Bosch-Str.10, D-48153 Münster
Systems of assessment and verification:	AVCP Systems 1 and 3
Certification body:	GSH, NB 0919 , Schildenstr. 24, D-29221 Celle
Declared performance:	EN 14304:2009, see Annex 1

particular conditions applicable to the use of the product:

- product shall be installed in accordance with the Armaflex / Arma-Chek Installation Manual,
- if relevant product shall be adequately protected when used outdoors.

Klaus Peerenboom, General Manager Europe North

(Name and function)

Münster, 01.07.2013

(Place and date of issue)



(Signature)

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Product name	Description	Thermal conductivity λ_0 at 0°C W/mK	Thermal conductivity λ_0 at 40°C W/mK	Reaction to fire Euroclass	Maximum service temp. (ST(+)) °C	Minimum service temp. (ST(-)) °C	Water vapour resistance factor (MU)	Soluble ions/pH (CL)	Designation code of manufacturer
AF/Armaflex tubes (AF-1-AF4;7-25 mm) sheets (3-32 mm)	Elastomeric sheets, tubes and tape	0,033	-	B _L -s3,d0 B-s3,d0	110	-50	10000	300	FEF - EN14304 - ST(+) ₁₁₀ - ST(-) ₅₀ - CL 300 - MU 10000
AF/Armaflex tubes (AF5-AF6; 25-45 mm) sheets (36-50 mm)	Elastomeric sheets and tubes	0,036	-	B _L -s3,d0 B-s3,d0	110	-50	7000	300	FEF - EN14304 - ST(+) ₁₁₀ - ST(-) ₅₀ - CL 300 - MU 7000
AF/Armaflex tubes (54mm)	Elastomeric tubes	0,036	-	E	110	-50	4000	300	FEF - EN14304 - ST(+) ₁₁₀ - ST(-) ₅₀ - CL 300 - MU 4000
Armaflex XG tubes (6-19 mm) sheets (3-25 mm)	Elastomeric sheets, tubes and tape	0,036	-	B _L -s3,d0 B-s3,d0	110	-50	10000	-	FEF - EN14304 - ST(+) ₁₁₀ - ST(-) ₅₀ - MU 10000
Armaflex XG tubes (25-40 mm) sheets (32-40 mm)	Elastomeric sheets and tubes	0,038	-	B _L -s3,d0 B-s3,d0	110	-50	7000	-	FEF - EN14304 - ST(+) ₁₁₀ - ST(-) ₅₀ - MU 7000
Armacell Elastomeric Foam tubes (6-19 mm)	Elastomeric tubes	0,036	-	B _L -s3,d0	110	-50	10000	-	FEF - EN14304 - ST(+) ₁₁₀ - ST(-) ₅₀ - MU 10000
Armacell Elastomeric Foam tubes (25-40 mm)	Elastomeric tubes	0,038	-	B _L -s3,d0	110	-50	7000	-	FEF - EN14304 - ST(+) ₁₁₀ - ST(-) ₅₀ - MU 7000
Armaflex ACE tape (3 mm)	Elastomeric tape	0,036	-	B-s3,d0	110	-	-	-	FEF - EN14304 - ST(+) ₁₁₀
Accoflex EX sheets (13-25 mm)	Elastomeric sheets	0,038	-	C-s3,d0	110	-	7000	-	FEF - EN14304 - ST(+) ₁₁₀ - MU 7000
Armaflex LTD Tubes (10-25 mm) sheets (10-25 mm)	Elastomeric sheets and tubes	0,040	-	E	110	-200	1000	300	FEF - EN14304 - ST(+) ₁₁₀ - ST(-) ₂₀₀ - CL 300 - MU 1000
SH/Armaflex tubes (9-11 mm)	Elastomeric tubes	-	0,036	B _L -s3,d0	110	-	-	-	FEF - EN14304 - ST(+) ₁₁₀
SH/Armaflex tubes (12-45 mm)	Elastomeric tubes	-	0,040	B _L -s3,d0	110	-	-	-	FEF - EN14304 - ST(+) ₁₁₀
SH/Armaflex tape (3 mm)	Elastomeric tape	-	0,040	B-s3,d0	110	-	-	-	FEF - EN14304 - ST(+) ₁₁₀
SH/Armaflex sheets (9-10 mm)	Elastomeric sheets	-	0,040	C-s3,d0	110	-	-	-	FEF - EN14304 - ST(+) ₁₁₀
SH/Armaflex sheets (20 mm)	Elastomeric sheets	-	0,040	D-s3,d0	110	-	-	-	FEF - EN14304 - ST(+) ₁₁₀
SH/Armaflex tubes (46-60 mm)	Elastomeric tubes	-	0,040	C _L -s3,d0	110	-	-	-	FEF - EN14304 - ST(+) ₁₁₀
Armaflex HP tubes (10 mm)	Elastomeric tubes	-	0,036	C _L -s3,d0	110	-	-	-	FEF - EN14304 - ST(+) ₁₁₀
Armaflex HP tubes (13-38 mm) tape (3 mm)	Elastomeric tubes and tape	-	0,040	C _L -s3,d0 B-s3,d0	110	-	-	-	FEF - EN14304 - ST(+) ₁₁₀
NH/Armaflex tubes (9-25 mm) sheets (3-32 mm)	Elastomeric sheets, tubes and tape	0,040	-	D _L -s3,d0 E	110	-50	2000	80	FEF - EN14304 - ST(+) ₁₁₀ - ST(-) ₅₀ - CL 80 - MU 2000
AP Armaflex tubes (6-25 mm)	Elastomeric tubes	0,036	-	E	110	-50	2000	-	FEF - EN14304 - ST(+) ₁₁₀ - ST(-) ₅₀ - MU 2000
AP Armaflex sheets (3-25 mm)	Elastomeric sheets and tape	0,036	-	E	110	-50	4000	-	FEF - EN14304 - ST(+) ₁₁₀ - ST(-) ₅₀ - MU 4000
AP Armaflex tubes (26-32 mm) sheets (26-50 mm)	Elastomeric sheets and tubes	0,045	-	E	110	-50	1000	-	FEF - EN14304 - ST(+) ₁₁₀ - ST(-) ₅₀ - MU 1000
Armaflex Ultima tubes (9-25 mm) sheets (3-9 mm)	Elastomeric sheets, tubes and tape	0,040	-	B _L -s1,d0 B-s1,d0	110	-50	7000	300	FEF - EN14304 - ST(+) ₁₁₀ - ST(-) ₅₀ - CL 300 - MU 7000
Armaflex Ultima sheets (10 - 25 mm)	Elastomeric sheets	0,040	-	B-s2,d0	110	-50	7000	300	FEF - EN14304 - ST(+) ₁₁₀ - ST(-) ₅₀ - CL 300 - MU 7000
Armaflex Rail SD sheets (3 mm) sheets (6-25 mm)	Elastomeric sheets and tape	0,040	-	B-s1,d0 B-s2,d0	110	-50	5000	300	FEF - EN14304 - ST(+) ₁₁₀ - ST(-) ₅₀ - CL 300 - MU 5000
Armaflex Rail SD tubes (9-25 mm)	Elastomeric tubes	0,040	-	B _L -s1,d0	110	-50	5000	300	FEF - EN14304 - ST(+) ₁₁₀ - ST(-) ₅₀ - CL 300 - MU 5000

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Product name	Description	Thermal conductivity λ_D at 0°C W/mK	Thermal conductivity λ_D at 40°C W/mK	Reaction to fire Euroclass	Maximum service temp. (ST(+)) °C	Minimum service temp. (ST(-)) °C	Water vapour resistance factor (MU)	Soluble ions/pH (CL)	Designation code of manufacturer
HT/Armaflex Tubes (10-25 mm)	Elastomeric tubes	-	0,042	D _L -s3,d0	150	-50	4000	80	FEF - EN14304 - ST(+)-150 - ST(-)-50 - CL 80 - MU 4000
HT/Armaflex sheets (3-25 mm)	Elastomeric sheets and tape	-	0,045	D-s3,d0	150	-50	3000	80	FEF - EN14304 - ST(+)-150 - ST(-)-50 - CL 80 - MU 3000
HT/Armaflex S-WH Tubes (10-32 mm)	Elastomeric tubes	-	0,042	E	150	-50	4000	80	FEF - EN14304 - ST(+)-150 - ST(-)-50 - CL 80 - MU 4000
HT/Armaflex S-BK Tubes (10-32 mm)	Elastomeric tubes	-	0,042	E	150	-50	4000	80	FEF - EN14304 - ST(+)-150 - ST(-)-50 - CL 80 - MU 4000
Armaflex DuoSolar Tubes (14-25 mm)	Elastomeric tubes with pipes preinsulated	-	0,042	E	150	-50	4000	80	FEF - EN14304 - ST(+)-150 - ST(-)-50 - CL 80 - MU 4000
Armaflex Duct PLUS sheets (9-32 mm)	Elastomeric sheets	0,036	-	B-s3,d0	110	-50	7000	-	FEF - EN14304 - ST(+)-110 - ST(-)-50 - MU 7000
Armaflex Duct PLUS AL sheets (9-32 mm)	Elastomeric sheets with coating	0,036	-	D-s3,d0	110	-50	7000	-	FEF - EN14304 - ST(+)-110 - ST(-)-50 - MU 7000
Armaflex Duct sheets (9-25 mm)	Elastomeric sheets	0,036	-	D-s3,d0	110	-50	7000	-	FEF - EN14304 - ST(+)-110 - ST(-)-50 - MU 7000
Armaflex Duct sheets (32-40 mm)	Elastomeric sheets	0,038	-	D-s3,d0	110	-50	7000	-	FEF - EN14304 - ST(+)-110 - ST(-)-50 - MU 7000
Armaflex Duct AL sheets (9-25 mm)	Elastomeric sheets with coating	0,036	-	E	110	-50	7000	-	FEF - EN14304 - ST(+)-110 - ST(-)-50 - MU 7000
Armaflex Duct AL sheets (32-40 mm)	Elastomeric sheets with coating	0,038	-	E	110	-50	7000	-	FEF - EN14304 - ST(+)-110 - ST(-)-50 - MU 7000
Arma-Chek D (AF) tubes (9-25 mm) sheets (13-25 mm)	Elastomeric sheets and tubes with coating	0,033	-	E	110	-50	10000	300	FEF - EN14304 - ST(+)-110 - ST(-)-50 - CL 300 - MU 10000
Arma-Chek D (AF) tubes (25-32 mm)	Elastomeric tubes with coating	0,036	-	E	110	-50	7000	300	FEF - EN14304 - ST(+)-110 - ST(-)-50 - CL 300 - MU 7000
Arma-Chek SD sheets (10-32 mm)	Elastomeric sheets with laminate	0,033	-	D-s3,d0	110	-50	10000	300	FEF - EN14304 - ST(+)-110 - ST(-)-50 - CL 300 - MU 10000
Arma-Chek D (NH) tubes (13-25 mm) sheets (13-25 mm)	Elastomeric sheets and tubes with coating	0,040	-	E	110	-50	2000	80	FEF - EN14304 - ST(+)-110 - ST(-)-50 - CL 80 - MU 2000
Arma-Chek Silver AF tubes (9-25 mm)	Elastomeric tubes with coating	0,033	-	C _L -s3,d0	110	-50	15000	300	FEF - EN14304 - ST(+)-110 - ST(-)-50 - CL 300 - MU 15000
Arma-Chek Silver AF tubes (25-32 mm)	Elastomeric tubes with coating	0,036	-	C _L -s3,d0	110	-50	15000	300	FEF - EN14304 - ST(+)-110 - ST(-)-50 - CL 300 - MU 15000
Arma-Chek Silver AF sheets (13-25 mm)	Elastomeric sheets with coating	0,033	-	C-s3,d0	110	-50	15000	300	FEF - EN14304 - ST(+)-110 - ST(-)-50 - CL 300 - MU 15000
Arma-Chek Silver tubes (13-19 mm) sheets (13-25 mm)	Elastomeric sheets and tubes with coating	0,036	-	E	110	-50	15000	-	FEF - EN14304 - ST(+)-110 - ST(-)-50 - MU 15000
Arma-Chek Silver tubes (25-40 mm) sheets (32-50 mm)	Elastomeric sheets and tubes with coating	0,038	-	E	110	-50	15000	-	FEF - EN14304 - ST(+)-110 - ST(-)-50 - MU 15000
Arma-Chek R GRAU (AF) tubes (25-32 mm)	Elastomeric tubes with coating	0,036	-	E	110	-50	15000	300	FEF - EN14304 - ST(+)-110 - ST(-)-50 - CL 300 - MU 15000
Arma-Chek R GRAU (NH) tubes (25 mm)	Elastomeric tubes with coating	0,040	-	E	110	-50	15000	80	FEF - EN14304 - ST(+)-110 - ST(-)-50 - CL 80 - MU 15000
Arma-Chek R GRAU (HT) tubes (25 mm)	Elastomeric tubes with coating	-	0,042	E	150	-50	15000	80	FEF - EN14304 - ST(+)-150 - ST(-)-50 - CL 80 - MU 15000

END