

Description: Halogen free, flexible closed cell insulation material with certification for use in marine environments, railway wagons and special building types.

Material Type: Elastomeric foam based on synthetic rubber. Factory made flexible elastomeric foam (FEF) according to EN 14304.

Colour: Dark Grey / Anthracite

Applications: Thermal Insulation / protection of pipes, vessels and ducts (incl. Elbows, fittings, flanges, etc) in industrial and process equipment facilities.

Special Features: Low halogens (chloride, bromide) acc. to DIN / VDE 0472, part815.

Assembly: The Armaflex insulation manual should be consulted before assembly. Please consult our customer service centre.

Remarks: EC Certificate of Conformity no. 0543 of Guteschutzgemeinschaft Hartschaum e.V. , Celle

PROPERTY	SPECIFICATION LIMITS	TEST	REMARKS
Temperature Range	Max Service Temp +110°C (+85°C when sheet or tape is glued to the object with its whole surface) Min Service Temp -50°C		DIN EN 14706 DIN EN 14707 DIN EN 14304
Thermal Conductivity	$\lambda \leq 0.040 \text{ W/(m - K)}$		Declare acc. to EN ISO 13787 Tested acc. to EN 12667 EN ISO 8497
Water vapour diffusion resistance	$\mu \geq 2000$		EN 12086 EN13469
Reaction to Fire			
Other fire class	IMO FTP Code, Annex 1 – Part 2 & Part 5 UL & FM-approved		IMO Approved by Lloyds and Bureau Veritas
Dimensions and tolerances	In accordance with EN 14304, table 1		Tested according to EN822, EN823, EN13467