

Description: Class O is the flexible, closed cell insulation material with built in Microban antimicrobial protection

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

Colour: Black

Material Special Information: Self-adhesive coating: pressure sensitive adhesive coating on modified acrylate basis with mesh structure. Covered with polyethylene film, traces of silicon can be found on the protective film used on self-adhesive closures.

Applications: Insulation / protection to control condensation reduce every loss and protect against frost on pipes, air ducts, vessels (inc elbows, fittings, flanges etc). Suitable for hot and cold water services, chilled water lines, heating systems, air conditioning ductwork and refrigerated pipe work

Special Features: MCCP-Free

Assembly: Lightweight and flexible. Closed cell structure means no additional vapour barrier is required

Remarks: EC Certificate of Conformity no. 0550 and 0551 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 face) Min Service Temp -50°C	EU5411 EU5490	EN14706 EN14707 EN14304
Thermal Conductivity	Tubes 6-19mm $\lambda \leq 0.033 \text{ W/(m - K)}$ Tubes 25-32mm $\lambda \leq 0.036 \text{ W/(m - K)}$ Sheets, tape 3-32mm $\lambda \leq 0.033 \text{ W/(m - K)}$	EU5411 EU5490	Declared acc. to EN ISO 13787 Tested acc. to EN 12667 & EN ISO 8497
Water vapour diffusion resistance	Tubes 6-19mm $\mu \geq 10'000$ Tubes 25-32mm $\mu \geq 7000$	EU5411 EU5490	Tested acc. to EN 12086 & EN 13469
Reaction to Fire	Tubes BL-s3, d0 Sheets B-s3, d0 Tape B-s3, d0	EU5411 EU 5490	Classified acc. to EN13501-1 Tested acc. to EN13823 & EN ISO 11925-2
Other fire class	FM-approved	FM: D5551	Tested according to UBC26-3, Class No.4924
Practical fire behaviour	Self-extinguishing, does not drip, does not spread flames		
Dimensions and tolerances	In accordance with EN 14304, table 1	EU5411 EU5486	Tested according to EN822, EN823, EN13467
Storage & Shelf Life	Self adhesive tapes, self-adhesive sheets, self-adhesive tubes: 1 year		Can be stored in dry, clean rooms at normal relative humidity (50% to 70%) and ambient temperature (0°C - 35°C)
Antimicrobial behaviour	In-built Microban antimicrobial protection: no fungal growth observed		

All statements and technical information are based on results obtained under typical conditions. It is the responsibility of the recipient to verify with us that the information is appropriate for the specific use intended.