



Insulating cover for brass manifolds

► AC 652

Insulating cover for brass bar manifolds, suitable for radiant cooling/heating systems.

■ INTRODUCTION



AC 652 is the PE insulating cover perfect for heating and cooling insulating applications, as it prevents the formation of condensation. For installation on heating systems, the maximum permitted temperature is 85 °C.

■ COMPATIBILITY

The AC 652 insulating cover can be used on all brass bar manifolds and all manifold kits composed of flow and return with main connection diameter of 1", 1 1/4" and 1 1/2".

■ SAFETY INSTRUCTIONS

Regulation (EC) No. 1907/2006 of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) requires Safety Data Sheets (SDS) only for hazardous substances and mixtures. The item AC 652 is not classified as such. Therefore, an SDS is not required.

On the basis of its composition, this product is classified as non-hazardous per Directive (EC) 1272/2008. This section identifies the potential hazards connected to the item, such as its form, dimensions and other physical characteristics.

Fire/flammability risk	In the event of a fire, hazardous fumes and gases can be released
Static charge potential	During handling, the device could develop a static charge due to rubbing

■ TECHNICAL DATA

Inner layer of the insulating cover

Density	30 kg/m ³
Thermal conductivity (40 °C)	0,041 W/mK
Water absorption (24 h)	< 1%
Elongation at break, vertical	170 %
Elongation at break, horizontal	200 %
Ultimate tensile strength, vertical	0.68 N/mm
Ultimate tensile strength, horizontal	0.63 N/mm
Dimensional stability	85 °C
Reaction to fire	Class B2
Flammability	Class HF-1
Water vapour diffusion coefficient	1300 μ
Ways	12

Outer layer of the insulating cover

Density	80 kg/m ³
Thermal conductivity (40 °C)	0,049 W/mK
Elongation at break, vertical	160 %
Elongation at break, horizontal	170 %
Dimensional stability	105 °C
Reaction to fire	Class B2
Flammability	Class HF-2
Water vapour diffusion coefficient	1300 μ
Ways	12

■ SPECIFICATION SUMMARY

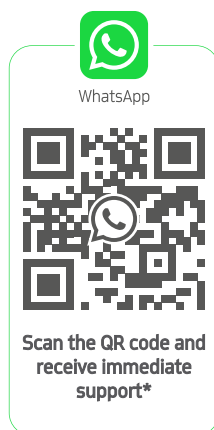
506253	Insulating cover for brass bar manifolds for radiant cooling/heating systems. Material: PE. Water absorption: < 1 %. Ways: 12. Size: 1".
506254	Insulating cover for brass bar manifolds for radiant cooling/heating systems. Material: PE. Water absorption: < 1 %. Ways: 12. Size: 1 1/4".
506444	Insulating cover for brass bar manifolds for radiant cooling/heating systems. Material: PE. Water absorption: < 1 %. Ways: 12. Size: 1 1/2".

■ CODES

506253	Insulating cover for brass bar manifolds for cooling/heating. 12 ways. 1".
506254	Insulating cover for brass bar manifolds for cooling/heating. 12 ways. 1 1/4".
506444	Insulating cover for brass bar manifolds for cooling/heating. 12 ways. 1 1/2".



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