

Foam glass pipe holders

with DÄMMGULAST® blue, galvanised

Application

- Ideal for cooling systems in areas with special fire protection requirements
- Thermally decoupled fixing of pipelines in buildings
- Ideally suited for fixing pipelines that carry higher temperature media in air conditioning and heating systems, and for cooling systems and hot or cold water pipes

Your advantages

- Reliable prevention of temperature bridges between the building and hot or cold pipelines
- No damage is caused by aggressive media and atmosphere to the foam-glass insulation
- Dimensionally stable under a variety of temperature and humidity conditions - no changes to shape or surface are caused by the influence of climate or weather

- Outstanding compressive strength
- Non-combustible, does not soak up flammable liquids (materials class A1 in accordance with DIN 4102 Part 1 / Euro class A in accordance with EN 13501-1) - does not spread fire
- Impermeable to water and water vapour - no soaking through of insulation material with condensed water, i.e. does not promote corrosion
- Foam-glass shell and pipe clamp fitted perfectly to DÄMMGULAST® blue lining
- For an optimal load transfer, the half-shells are glued to the load-distributing sleeves over their entire surface
- DÄMMGULAST® Vibration control lining with blue indicator stripe, fire class B1 in accordance with DIN 4102, non-dripping in a fire
- Structure-borne noise damping due DÄMMGULAST® vibration control lining with blue identification stripe: Average sound level improvement up to 16.5 dB(A)



Features

Grade	T4	F
Fire classification	Material class A1/Euro class A acc. to DIN 4102 Part 1	
Bulk density	120 kg/m ³	165 kg/m ³
Thermal conductivity	$\lambda = 0.041 \text{ W/mK at } +10 \text{ }^\circ\text{C}$	$\lambda = 0.048 \text{ W/mK at } +10 \text{ }^\circ\text{C}$
Compression strength	0.70 N/mm ²	1.70 N/mm ²
Coefficient of thermal expansion	$8.5 \times 10^{-6} \text{ K}^{-1}$	$9 \times 10^{-6} \text{ K}^{-1}$
Water vapour diffusion resistance	$\mu = \infty$	
Heat capacity [kJ/kgK]	0.84	
Temperature range	-260 °C to +430 °C	

Pipe outer Ø [mm]	Grade	Insulation thickness [mm]	Shell length [mm]	Max. recommended fastening distance for foam glass with load-distributing sleeve and single bossed clamp [m]	No storage items, delivery time available upon request	Part no. Foam glass pipe holders with load-distributing sleeve		Sales unit	Pack unit
						without single bossed clamp	with single bossed clamp		
12	T4	25	150	1.8		143890	144615	1	Pieces
13.5						143891	144692		
15						143892	144693		
17.2						143893	144694		
18						2	143894		
21.3				143895			144696		
22				143896			144697		
26.9				143898			144698		
28				143899			144699		
33.7				2.2		143900	144700		
35	143901	144701							

- ⚠ Load distributing sleeve, 1 mm thickness, from 12 mm to 139.7 mm.
- ⚠ Load distributing sleeve, 2 mm thickness, from 159 mm to 168.3 mm.
- Load distributing sleeve, 2.5 mm thickness, from 193.7 mm to 355.6 mm.
- Single bossed clamp with M10 connection thread, from 12 mm to 139.7 mm.
- Single bossed clamp with M12 connection thread, from 159 mm to 355.6 mm.

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						Foam glass pipe holders with load-distributing sleeve without single bossed clamp	with single bossed clamp		
42.4	T4	25	150	2.5		143902	144702	1	Pieces
48.3				3		143903	144703		
51		40			x	143904	144704		
54						143905	144705		
57		25				143906	144706		
60.3			40			143907	144707		
64		25				143908	144708		
70			40			143909	144709		
76.1		40		3.5	x	143910	144710		
88.9			25			143911	144711		
101.6		25		4.8		143912	144712		
108			40				143913		
114.3		25		5		143914	144714		
127			40				143915		
133		40			x	143916	144716		
135			50			143917	144717		
139.7		40			x	143918	144718		
159			50			143919	144719		
160		40		5.6		143920	144720		
168.3			50				143921		
193.7	40		5.9	x	143922	144722			
219.1		50				143923	144723		
244.5	40		5	x	143924	144724			
273		50				143925	144725		
298.5	40		5	x	143926	144726			
323.9		50				143927	144727		
355.6	40		5.6		143928	144728			
		50				143929	144729		
	40		5.9	x	143930	144730			
		50				143931	144731		
	40		5		143932	144732			
		50				143933	144733		
	40		4	x	143934	144734			
		50				143935	144735		
	40		3.7	x	143936	144736			
		50				143937	144737		
	40		3.2	x	143938	144738			
		50				143939	144739		
	40		2.9	x	143940	144740			
		50				143941	144741		
	40		2.9	x	143942	144742			
		50				143943	144743		
	40		2.9	x	143944	144744			
		50							



Load distributing sleeve, 1 mm thickness, from 12 mm to 139.7 mm.

Load distributing sleeve, 2 mm thickness, from 159 mm to 168.3 mm.

Load distributing sleeve, 2.5 mm thickness, from 193.7 mm to 355.6 mm.

Single bossed clamp with M10 connection thread, from 12 mm to 139.7 mm.

Single bossed clamp with M12 connection thread, from 159 mm to 355.6 mm.

Adhesive for foamglass, PITTSEAL® CW sealant

Cartridge à 305 ml

Part no.	Sales unit	Pack unit
172104	1	Pieces

