

Foam glass pipe holders

with DÄMMGULAST® blue, galvanised

Application

- Ideal for cooling systems in areas with special fire protection requirements
- Thermally decoupled fixing of pipe-lines 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-distribution 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/m³	165 kg/m³
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/mm²	1.70 N/mm²
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						143894	144695		
21.3						143895	144696		
22						143896	144697		
26.9				2		143898	144698		
28						143899	144699		
33.7						143900	144700		
35						143901	144701		
				2.2					



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		
						143904	144704		
51					x	143905	144705		
54		25				143906	144706		
57		40				143907	144707		
60.3		25				143908	144708		
		40				143909	144709		
64		25				143910	144710		
70		40	3.5	x	143911	144711			
76.1		25			143912	144712			
		40			143913	144713			
88.9		25	4.8		143914	144714			
		40		143915	144715				
101.6				x	143916	144716			
108		25		x	143917	144717			
		40		x	143918	144718			
114.3		25	5		143919	144719			
		40		143920	144720				
		50		143921	144721				
127		40		x	143922	144722			
		50		x	143923	144723			
133		40		x	143924	144724			
		50		x	143925	144725			
135				x	143926	144726			
139.7		40			143927	144727			
		50			143928	144728			
159		40	300	5.6	x	143929	144729		
		50			x	143930	144730		
160					x	143931	144731		
168.3		40	5.9		143932	144732			
		50		143933	144733				
193.7		40		5	x	143934	144734		
	50	x	143935		144735				
219.1	F	40			143936	144736			
		50		143937	144737				
244.5		40	4	x	143938	144738			
		50		x	143939	144739			
273		40		x	143940	144740			
		50		x	143941	144741			
298.5			3.7	x	143942	144742			
323.9			3.2	x	143943	144743			
355.6			2.9	x	143944	144744			



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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

