

Insulation clamps type H, M, T

two-piece, with single bossed clamps with DÄMMGULAST® yellow and insulation shells, galvanised

Application

- Thermal decoupled pipe attachment in the field of refrigeration
- Specially suitable for attachments in ventilation, air-conditioning, heating, refrigeration installations as well as for hot and chilled water pipes

Your advantages

- Rigorous avoidance of temperature bridges in cold pipelines
- Highly effective insulation due to support elements made of PET and a synthetic rubber mantle

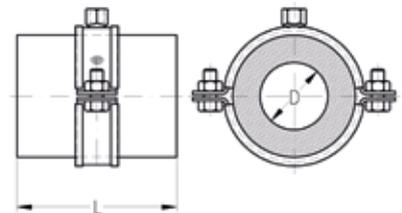
- Insulation thickness matched to the increasing insulation layer thickness of the insulation sleeves
- Reliable water vapour diffusion barrier
- Easy installation using self-adhesive fasteners in the part-joint
- Rubber surfaces on the face sides allow easy bonding with the rubber pipe insulation
- Fixed load-distribution sleeves for improved load transfer
- Structure-borne noise damping due to DÄMMGULAST® vibration control lining with yellow identification stripe: Average sound level improvement up to 22 dB(A)



Features



Material	Polyethylene terephthalate, synthetic rubber
Fire classification	Euroclass E - EN 13501-1 in systems association with AF/Armaflex: B-S3-d0
Effective density [kg/m³]	100
Thermal conductivity	$\lambda = 0.033 \text{ W/mK at } 0 \text{ }^\circ\text{C}$ $\lambda = 0.037 \text{ W/mK at } +40 \text{ }^\circ\text{C}$
Temperature range	-50 °C to +110 °C
Water vapour diffusion resistance	$\mu = 10,000$
Compression strength	4.3 N/mm² at 23 °C
Design	2 PET segment shells and closed-cell elastomeric foam, integral load-distributing sleeves, with two-piece pipe clamp, vibration-damped with DÄMMGULAST® lining



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Type H - Insulation thickness 9.5 - 16 mm

Pipe outer Ø D			Connecting thread	Insulation clamps		Sales unit	Pack unit	Size [mm]	Shell length L [mm]	Insulation shells		Sales unit	Pack unit
Copper pipes [mm]	Steel pipes [inch]	Steel pipes [mm]		Max. recommended fastening distance [m]	Part no. complete clamp					Outer Ø shell [mm]	Part no. single shell		
10		10.2	M10	2	111364	1	Pieces	10/12	45	34	124168	1	Pieces
12										36			
	1/4"			38									
15				111374	15/18	40	111773						
18	3/8"					43							
22	1/2"			2.75	111380	22/25	47	111779					
24							50						
28	3/4"			3	111382	28/30	53	111781					
30							56						
35	1"			3.5	111386	35/38	50	111783					
38							64						
42				3.75	111388	42/45	65	111785					
		44.5					69						
	1 1/2"			4.25	111390	48	55	111787					
54							76						
57				111392	54/57	60/64	65	111791					
	2"						89						
64				4.75	111394	70	75	92	111793				
70								98					
	2 1/2"			5.5	111398	76/80	75	105	111795				
80								109					
	3"			6	111400	89	95	118	111797				
		101.6						102/108		134	111765		
108				111366	114	115	144	137	111767				
	4"							125		155	111769		
125				111368	125	133/140	165	172	111771				
		133						111370		166			
	5"			111372	167	111775							
160			111376	193									
	6"		111378	165/168	125	198	111777						
		168.3		201									



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Type M - Insulation thickness 15.5 - 25 mm

Pipe outer Ø D			Connecting thread	Insulation clamps		Sales unit	Pack unit	Size [mm]	Shell length L [mm]	Insulation shells		Sales unit	Pack unit
Copper pipes [mm]	Steel pipes [inch]	Steel pipes [mm]		Max. recommended fastening distance [m]	Part no. complete clamp					Outer Ø shell [mm]	Part no. single shell		
10		10.2	M10	2	111404	1	Pieces	10/12	55	46	111801	1	Pieces
12										48			
	¼"			50									
15				111414	15/18	52	111809						
18	⅜"					55							
22	½"			2.75	111426	22/25	59	111821					
24							62						
28	¾"			3	111430	28/30	68	111829					
30							70						
35	1"			3.5	111432	35/38	65	111835					
38							79						
42				3.75	111434	42/45	81	111837					
		44.5					85						
	1½"			4.25	111436	48	88	111839					
54							91						
57				111438	54/57	98	111841						
						101							
	2"			4.75	111440	60/64	75	111843					
64							105						
70				111442	70	76/80	85	111845					
			109										
	2½"		5.5	111444	76/80	85	111847						
80						116							
	3"		6	111446	89	100	111849						
		101.6				136							
108			111402	102/108	102/108	100	111799						
						151							
	4"		111406	114	115	115	111803						
125						162							
			111408	125	133/140	115	111805						
						173							
		133	111410	133/140	133/140	115	111807						
						183							
	5"		111412	160	160	115	111811						
160						189							
	6"		111416	11418	165/168	125	111813						
						210							
		168.3	111420	11428	216/219	170	111823						
		216				216							
		219.1				170							
						270							



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Type T - Insulation thickness 32 - 45 mm

Pipe outer Ø D			Connecting thread	Insulation clamps		Sales unit	Pack unit	Insulation shells					
Copper pipes [mm]	Steel pipes [inch]	Steel pipes [mm]		Max. recommended fastening distance [m]	Part no. complete clamp			Size [mm]	Shell length L [mm]	Outer Ø shell [mm]	Part no. single shell	Sales unit	Pack unit
15			M10	2	111527	1	Pieces	15/18	75	77	111887	1	Pieces
18	¾"			2.75	111537			22/25		80	111895		
22	½"			3	111541			28/30		84	111901		
24				3.5	111547			35/38	85	93	111905		
28	¾"			3.75	111549					104	111909		
30				4.25	111551					107	111911		
35	1"			4.25	111553			54/57	119	111913			
38					4.75			111555	126	111915			
42				4.75	111557			60/64	100	129	111917		
					111559					134	111919		
					5.5					111559	137		
		44.5		5.5	111560			70	115	144	111919		
	1½"				111515					152	111921		
54				6	111519			76/80	115	156	111879		
57					111521					167	111921		
64					111523					182	111879		
70				6	111525			89	125	188	111881		
80					111529					196	111881		
					111531					207	111883		
		101.6		6	111533			102/108	125	207	111883		
108					111535					219	111885		
125					111539					225	111885		
		133		6	111543			133/140	145	225	111885		
					111545					248	111889		
										254	111891		
		168.3		6				165/168	165	257	111891		
										274	111893		
						111893							
		200	6		204	215	305	111893					
							317	111897					
							320	111897					
		216	6		216/219	215	320	111897					
							368	111903					
							374	111903					
		219.1	6		267/273	215	368	111903					
							374	111903					
								111903					
		267	6		267/273	215	374	111903					
								111903					
								111903					
		273	6		267/273	215	374	111903					
								111903					
								111903					

