

Insulation clamps type H, M, T

two-piece, with single bossed clamps without lining 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

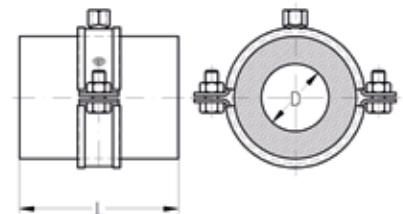
- Rigorous avoidance of temperature bridges in cold pipelines

- 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



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/m ³]	100
Thermal conductivity	$\lambda = 0.033 \text{ W/mK}$ at 0 °C $\lambda = 0.037 \text{ W/mK}$ at +40 °C
Temperature range	-50 °C to +110 °C
Water vapour diffusion resistance	$\mu = 10,000$
Design	2 PET segment shells and closed-cell elastomeric foam, integral load-distributing sleeves, with two-piece pipe clamp




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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	148502	1	Pieces	10/12	45	34	124168	1	Pieces
12										36			
	1/4"			38									
15				148503	15/18			40	111773				
18	3/8"							43					
22	1/2"			2.75	148504			22/25	47	111779			
24				3	148505			28/30	50	111781			
28	3/4"							53					
30				3.5	148506			35/38	56	111783			
35	1"								64				
38				3.75	148507			42/45	65	111785			
42									69				
		44.5		4.25	148508			48	72	111787			
54	1 1/2"								76				
57				148509	54/57			55	82	111789			
									85				
				4.75	148510			60	65	89	111791		
64										92			
70				148511	148512			70	75	98	111793		
										105			
	2 1/2"			5.5	148513			76	75	105	111795		
80				148514	148515			80	95	109	111797		
										118			
	3"			6	148516			89	95	118	111797		
		101.6								134			
108				148517	148518			102/108	115	137	111765		
										144			
	4"			148519	148583			114	115	144	111767		
125										155			
				148519	148583			125	125	155	111769		
			165										
		133	148583	150298	133/140	125	165	111771					
	5"						172						
160			150299	150298	160	125	193	111775					
							198						
	6"	165.1	150300	150299	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	148530	1	Pieces	10/12	55	46	111801	1	Pieces	
12										48				
	¼"			50										
15				148531	15/18	52	111809							
18	⅜"					55								
22	½"			2.75	148532	22/25	59	111821						
24							62							
28	¾"			3	148533	28/30	68	111829						
30							70							
35	1"			3.5	148534	35/38	65	111835						
38							81							
42				3.75	148535	42/45	85	111837						
		44.5					88							
	1½"			4.25	148536	48	91	111839						
54							148537		98	111841				
57				4.75	148538	54/57	101	111843						
64	2"						105							
70				148539	148540	60/64	75	111845						
							109							
80	2½"			5.5	148541	70	85	116	111847					
			122											
80	3"		6	148542	76	100	127	111849						
							136							
		101.6	148543	148544	80	115	151	111799						
108							102							
	4"		148545	148546	89	100	136	111849						
							108							
125			150301	150302	102	115	151	111799						
							108							
		133	150303	150304	108	115	156	111803						
	5"						114							
160			150302	150303	114	115	162	111803						
	6"						125							
		168.3	150304	150304	125	125	173	111805						
		216					133/140							
		219.1	150304	150304	160	125	183	111807						
							189							
			150304	150304	165/168	125	210	111811						
							216							
			150304	150304	216/219	170	219	111813						
							267							
			150304	150304	216/219	170	270	111823						
							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	148552	1	Pieces	15/18	75	77	111887	1	Pieces
18	¾"			2.75	148553			22/25		80	111895		
22	½"			3	148554			28/30		84	111901		
24				3.5	148555			35/38	85	93	111905		
28	¾"			3.75	148556					104	111909		
30				4.25	148557					107	111911		
35	1"			4.75	148558			42/45	100	113	111913		
38				5.5	148559					116	111915		
42				6	148560					119	111917		
		44.5						54/57	115	126	111919		
54	1½"									129	111921		
57										134	111922		
								60/64	125	137	111923		
64	2"									144	111924		
70										152	111925		
								76	145	156	111926		
80	2½"									167	111927		
										182	111928		
		101.6						89	155	188	111929		
108	3"									196	111930		
										207	111931		
								102/108	165	219	111932		
125	4"									225	111933		
										248	111934		
		133						114	165	254	111935		
160	5"									257	111936		
										305	111937		
					165/168	175	317	111938					
		168.3					320	111939					
		200					368	111940					
		216			204	215	374	111941					
		219.1					216/219	305	111893				
		267					267/273	317	111897				
		273					320	111897					
							368	111903					
							374	111903					

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