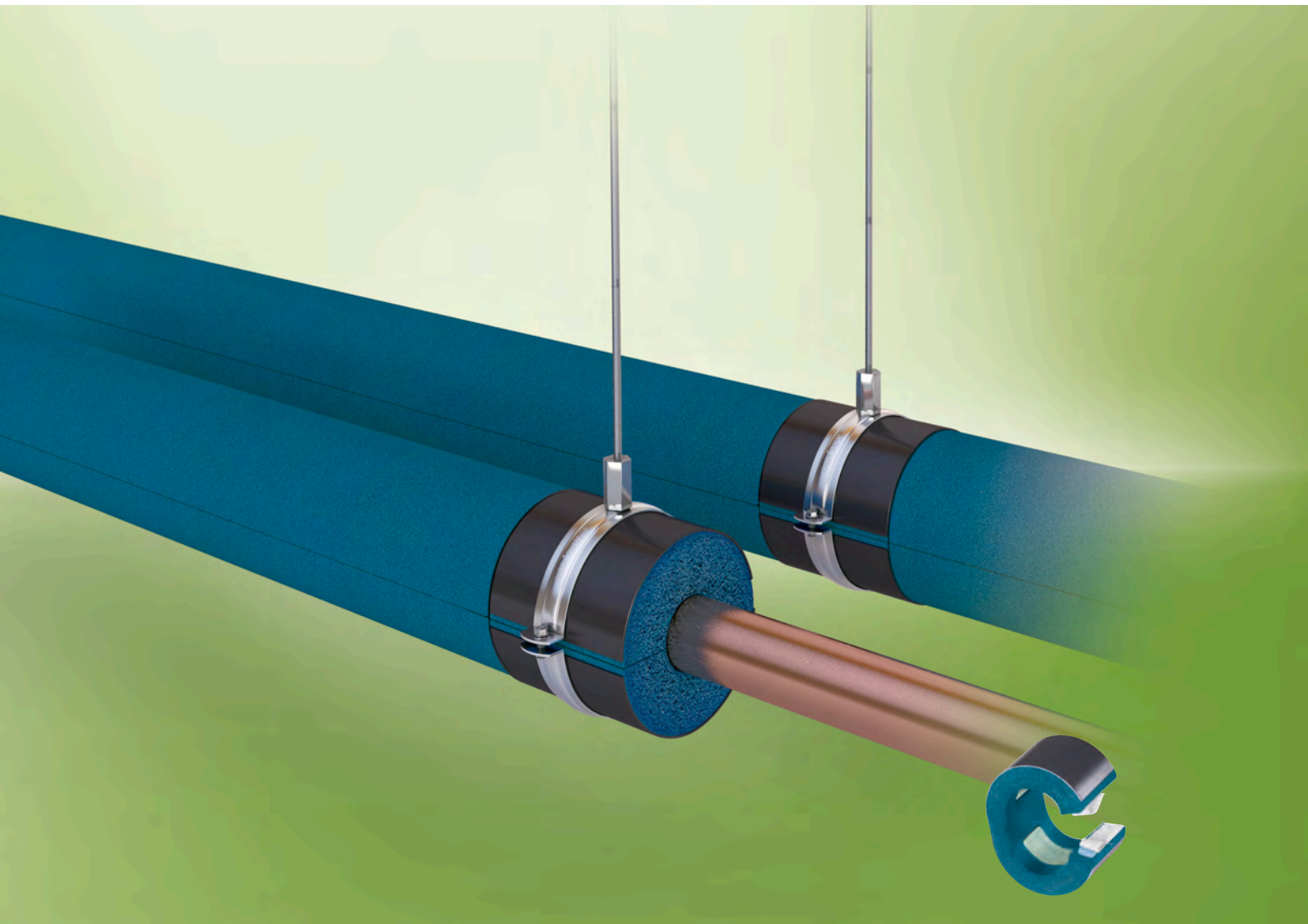




ARMAFIX ULTIMA

INSTALL SAFETY



- Prevents thermal bridges
- One-piece pipe support with self-adhesive closure
- The only complete system solution with B_L-s1,d0

Technical Data - Armaflex Ultima

Brief description	Pipe and duct support for refrigeration and air-conditioning installations to prevent condensation at fixing points. Thermally non-interacting single piece, with 2 ArmaFORM PET-foam sections and with self-adhesive closure. All dimensions are matching the Armaflex Ultima tube/sheet range.
Material type	PET-foam bearing segments, embedded in and glued to Armaflex Ultima elastomeric foam material. Outside bearing shells made of painted aluminium sheeting 0.8mm thick, which simultaneously serves as a vapour barrier for the PET bearing segments.
Colour	Blue
Material Special Information	Traces of silicon can be found on protection paper/foil used to protect self-adhesive closures. Please contact our customer service for details.
Applications	Thermally non-interacting mounting aid for tubes/sheets in refrigeration and air-conditioning applications, which are to be insulated with Armaflex Ultima.
Remarks	When used in installations with intermittent temperatures, thermal length extensions may cause inherent pressure in the installation; this needs to be considered in the overall insulation construction.

Property	Value/Assessment	Special Remark
Temperature Range		
Temperature Range ¹	max. service temperature	+ 110 °C
	min. service temperature	-50 °C
Thermal Conductivity		
Thermal Conductivity	Same as Armaflex Ultima	Declared acc. to EN ISO 13787 Tested acc. to EN 12667 EN ISO 8497
Water vapour diffusion resistance		
Water vapour diffusion resistance	Same as Armaflex Ultima	Tested acc. to EN 12086 and EN 13469
Fire performance		
Reaction to fire	Euroclass	E
	Entire system with Armaflex Ultima tubes	B _L -s1, d0
	Entire system with Armaflex Ultima sheets	B-s2,d0
Practical Fire Behaviour	Self-extinguishing, does not drip, does not spread flames	
Acoustic Performance		
Reduction of structure-borne sound transmission	According to used insulation layer in clamp / pipe fastener	According to DIN 4109
Other technical features		
Density	95 - 105 kg/m ³ (pipe bearing segments)	
Storage & Shelf life	Products with self adhesive closures to be installed within 3 year.	Can be stored in dry, clean rooms at normal relative humidity (50% to 70%) and ambient temperature (0 °C – 35 °C).

1. For temperatures below -50 °C please contact our Customer Service Center to request for the corresponding technical information.

All data and technical information are based on results achieved under typical application conditions. Recipients of this information should, in their own interest and responsibility, promptly clarify with us to determine whether or not the data and information apply to the intended application area. Installation instructions are available in our Armaflex installation manual. Please consult our Customer Service Center before insulating stainless steels. Adhesive Armaflex 520 must be used to guarantee proper installation. For some refrigerants, the discharge temperature may exceed +110 °C; please consult our Customer Service Center for further information. For outside use, Armaflex should be protected within 3 days, e.g. with Armafinish 99 Paint or Arma-Chek covering.

Technical Data - Armafix Clamps

Brief description	Pipe clamp with a quick release and a combination nut for mounting.
Material type	Steel with an electrolytic zinc coating which protects the clamp from the corrosion.
Colour	silver
Material Special Information	The clamps are supplied with a nut for fixing.
Applications	Where thermal bridging should be avoided in refrigeration and air-conditioning installations, which are intended to be insulated with appropriate Armaflex type and Armafix pipe-hanger.

Property	Value/Assessment
Fire performance	
Other	No insulation layer in clamp / pipe fastener to affect fire performance of the clamp itself.
Other technical features	
Screw connections	M 8 / M 10 combination nut
Tension screws	M 6 and M 8
Clamp	Width 20 to 30 mm; Thickness 1,5 to 3,0 mm

All data and technical information are based on results achieved under typical application conditions. Recipients of this information should, in their own interest and responsibility, clarify with us in due time whether or not the data and information apply to the intended application area.

Armafix Ultima pipe supports and clamps



Pipe max. Outside-Ø [mm]	Max. permissible distance [m]	13,0 mm insulation thickness		Clamps 13,0 mm	
		Code	Pieces/carton	Code	Pieces/carton
10	2,00	UDP13(9)-10/12	32	PCX 025/030	25
12	2,00	UDP13(9)-10/12	32	PCX 025/030	25
15	2,00	UDP13(9)-15/18	32	PCX 033/037	25
18	2,00	UDP13(9)-15/18	32	PCX 033/037	25
22	2,75	UDP13(9)-22/25	32	PCX 042/046	25
25	2,75	UDP13(9)-22/25	32	PCX 042/046	25
28	3,00	UDP13(9)-28/30	32	PCX 047/052	25
30	3,00	UDP13(9)-28/30	32	PCX 047/052	25
35	3,50	UDP13(9)-35/38	28	PCX 054/058	25
38	3,50	UDP13(9)-35/38	28	PCX 054/058	25
42	3,75	UDP13(9)-42/45	28	PCX 063/068	25
45	3,75	UDP13(9)-42/45	28	PCX 063/068	25
48	4,25	UDP13(9)-48	28	PCX 068/073	10
54	4,25	UDP13(9)-54/57	28	PCX 068/073	10
57	4,25	UDP13(9)-54/57	28	PCX 068/073	10
60	4,75	UDP13(9)-60/64	24	PCX 082/085	10
64	4,75	UDP13(9)-60/64	24	PCX 082/085	10
76	5,50	UDP13(9)-76/80	20	PCX 092/099	10
80	5,50	UDP13(9)-76/80	20	PCX 092/099	10
89	6,00	UDP13(9)-89 ●	16	PCX 108/112	10
102	6,00	UDP13-102/108 ●	16	PCX 125/130	10
108	6,00	UDP13-102/108 ●	16	PCX 125/130	10
110	6,00	UDP13-110/114 ●	12	PCX 133/137	10
114	6,00	UDP13-110/114 ●	12	PCX 133/137	10
125	6,00	UDP13-125 ●	12	PCX 145/152	10
133	6,00	UDP13-133/140 ●	12	PCX 153/160	10
140	6,00	UDP13-133/140 ●	12	PCX 153/160	10
160	6,00	UDP13-160 ●	9	PCX 190	10
165	6,00	UDP13-165/168 ●	9	PCX 199	10
168	6,00	UDP13-165/168 ●	9	PCX 199	10

Armafix Ultima pipe supports and clamps



Pipe max. Outside-Ø [mm]	Max. permissible distance [m]	19,0 mm insulation thickness		Clamps 19,0 mm	
		Code	Pieces/carton	Code	Pieces/carton
10	2,00	UDP19-10/12	28	PCX 038/041	25
12	2,00	UDP19-10/12	28	PCX 038/041	25
15	2,00	UDP19-15/18	28	PCX 047/052	25
18	2,00	UDP19-15/18	28	PCX 047/052	25
22	2,75	UDP19-22/25	28	PCX 054/058	25
25	2,75	UDP19-22/25	28	PCX 054/058	25
28	3,00	UDP19-28/30	28	PCX 059/063	25
30	3,00	UDP19-28/30	28	PCX 059/063	25
35	3,50	UDP19-35/38	24	PCX 063/068	25
38	3,50	UDP19-35/38	24	PCX 063/068	25
42	3,75	UDP19-42/45	24	PCX 068/073	10
45	3,75	UDP19-42/45	24	PCX 068/073	10
48	4,25	UDP19-48	24	PCX 072/080	10
54	4,25	UDP19-54/57	24	PCX 082/085	10
57	4,25	UDP19-54/57	24	PCX 082/085	10
60	4,75	UDP19-60/64	20	PCX 088/092	10
64	4,75	UDP19-60/64	20	PCX 088/092	10
76	5,50	UDP19-76/80	16	PCX 099/103	10
80	5,50	UDP19-76/80	16	PCX 099/103	10
89	6,00	UDP19-89	12	PCX 112/118	10
102	6,00	UDP19-102/108 ●	12	PCX 133/137	10
108	6,00	UDP19-102/108 ●	12	PCX 133/137	10
110	6,00	UDP19-110/114 ●	12	PCX 137/142	10
114	6,00	UDP19-110/114 ●	12	PCX 137/142	10
133	6,00	UDP19-133/140 ●	12	PCX 164/169	10
140	6,00	UDP19-133/140 ●	12	PCX 164/169	10
165	6,00	UDP19-165/168 ●	6	PCX 206	10
168	6,00	UDP19-165/168 ●	6	PCX 206	10
180	6,00	UDP19-180 ●	4	-	-
204	6,00	UDP19-204 ●	4	-	-
216	6,00	UDP19-216/219 ●	4	-	-
219	6,00	UDP19-216/219 ●	4	-	-
254	6,00	UDP19-254 ●	3	-	-
267	6,00	UDP19-267/273 ●	3	-	-
273	6,00	UDP19-267/273 ●	3	-	-
356	4,20	UDP19-356 ●	1	-	-

Armafix Ultima pipe supports and clamps



Pipe max. Outside-Ø [mm]	Max. permissible distance [m]	25,0 mm insulation thickness		Clamps 25,0 mm	
		Code	Pieces/carton	Code	Pieces/carton
15	2,00	UDP25-15/18	28	PCX 059/063	25
18	2,00	UDP25-15/18	28	PCX 059/063	25
22	2,75	UDP25-22/25	28	PCX 063/068	25
25	2,75	UDP25-22/25	28	PCX 063/068	25
28	3,00	UDP25-28/30	28	PCX 068/073	10
30	3,00	UDP25-28/30	28	PCX 068/073	10
35	3,50	UDP25-35/38	24	PCX 072/080	10
38	3,50	UDP25-35/38	24	PCX 072/080	10
42	3,75	UDP25-42/45	24	PCX 082/085	10
45	3,75	UDP25-42/45	24	PCX 082/085	10
48	4,25	UDP25-48	24	PCX 088/092	10
54	4,25	UDP25-54/57	24	PCX 092/099	10
57	4,25	UDP25-54/57	24	PCX 092/099	10
60	4,75	UDP25-60/64	20	PCX 099/103	10
64	4,75	UDP25-60/64	20	PCX 099/103	10
76	5,50	UDP25-76/80	16	PCX 112/118	10
80	5,50	UDP25-76/80	16	PCX 112/118	10
89	6,00	UDP25-89	12	PCX 137/142	10
133	6,00	UDP25-133/140 ●	12	PCX 190	10
140	6,00	UDP25-133/140 ●	12	PCX 190	10
160	6,00	UDP25-160 ●	6	PCX 206	10
165	6,00	UDP25-165/168 ●	6	PCX 222	10
168	6,00	UDP25-165/168 ●	6	PCX 222	10
204	6,00	UDP25-204 ●	1	-	-
216	6,00	UDP25-216/219 ●	4	-	-
219	6,00	UDP25-216/219 ●	4	-	-
254	6,00	UDP25-254 ●	3	-	-
267	6,00	UDP25-267/273 ●	3	-	-
273	6,00	UDP25-267/273 ●	3	-	-
306	6,00	UDP25-306 ●	1	-	-
324	4,20	UDP25-324 ●	1	-	-
356	4,20	UDP25-356 ●	3	-	-
406	4,20	UDP25-406 ●	3	-	-
457	3,70	UDP25-457 ●	4	-	-

● Item not in stock. Delivery on request. [MTO]

Armafix Ultima duct supports



Code	Insulation thickness [mm]	Width [mm]	Length [m]	Pieces/carton
AS-DB-19MM	19,0	100,0	2	5
AS-DB-25MM	25,0	100,0	2	5



Clamps	
Code	Pieces/carton
PCX 025/030	25
PCX 033/037	25
PCX 038/041	25
PCX 042/046	25
PCX 047/052	25
PCX 054/058	25
PCX 059/063	25
PCX 063/068	25
PCX 068/073	10
PCX 072/080	10
PCX 082/085	10
PCX 088/092	10
PCX 092/099	10
PCX 099/103	10
PCX 108/112	10
PCX 112/118	10
PCX 125/130	10
PCX 133/137	10
PCX 137/142	10
PCX 145/152	10
PCX 153/160	10
PCX 159/164	10
PCX 164/169	10
PCX 168/173	10
PCX 190	10
PCX 199	10
PCX 206	10
PCX 222	10
PCX 231	10
PCX 249	10
PCX 259	10

