

HT/Armaflex® INDUSTRIAL APPLICATIONS

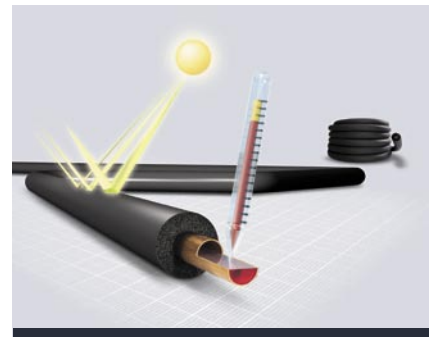
High Temperature Insulation

- ▶ Sunlight and UV resistant
- ▶ Flexible up to 150° C
- ▶ Ease of application



HT/Armaflex is the insulation that meets the growing demand for a reliable and environmentally friendly flexible insulation material that can be used at higher temperatures.

- ▶ Remains flexible at high temperatures of up to +150° C** and low temperatures down to -200° C*
- ▶ UV-resistant and can be installed outside without additional protective measures
- ▶ Class 1 resistance to flame spread in accordance with BS 476 Part 7 test procedure
- ▶ Built-in vapour barrier prevents condensation
- ▶ Improved resistance against oil
- ▶ Reduced smoke development in the event of fire
- ▶ Lightweight and flexible: quick and easy installation with low maintenance requirements resulting in time and cost savings.
- ▶ Dust, fibre and CFC free with an ODP zero



	Values	Remarks
Material	Foamed EPDM Rubber	
Max. Surface Temperature	+150° C**	* for temperatures between -50°C and -200°C, ** for multi-layer applications above +125° C,
Min. Surface Temperature	-200°C*	please consult our Technical Department. Tel. +44 (0)161 287 7038 · Fax +44 (0)161 633 2685
Thermal Conductivity at 0° C	0.040 W/(m · K)	Test according to BS 874 Part 2 1986
Thermal Conductivity at +40° C	0.045 W/(m · K)	
Water Vapour Permeability	Moisture Resistance Factor $\mu > 2,500$	Test according to DIN 52 615
Water Absorption	0.2% by volume	Test according to ASTM C 209
Surface Spread of Flames	Class 1	Test according to BS 476 Part 7: 1997
Reaction to fire	Self-extinguishing, does not drip	
Noise Reduction	Sound Absorption Coefficient ISO 354:2003 up to 0.8	Also suitable for use in the prevention of sound passage
Resistance to	Building Materials Very Good Chemicals Consult Product Test List Ozone Very Good UV Very Good	
Environmental Aspects	ODP zero, GWP zero	
Health Aspects	Dust & Fibre Free	

For **Outdoor applications** NO additional coating or painting is necessary - **HT/Armaflex is UV-resistant.**



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All statements and technical information are based on results obtained under typical conditions. It is the responsibility of the recipient to verify with us that the information is appropriate for the specific use intended by the recipient. For updates to this document please refer to our website www.armacell.com/uk.

HT/ARMAFLEX Tubes

Length 2 m, colour dark grey

Copper pipe Cu			Iron and steel pipe Fe		Min ID mm	10 mm Insulation thickness		13 mm Insulation thickness	
NB inch	Nom O.D. inch	Nom O.D. mm	NB inch	Nom O.D. mm		Reference	m / carton	Reference	m / carton
	3/8	10			10.5	HT-10X010	192	HT-13X010	140
3/8	1/2	12			12.5	HT-10X012	172	HT-13X012	130
1/2	5/8	15			16.0	HT-10X015 •	144	HT-13X015 •	112
		18	3/8	17.2		HT-10X018	130	HT-13X018	98
3/4	7/8	22	1/2	21.3	22.5	HT-10X022 •	108	HT-13X022 •	84
1	1 1/8	28	3/4	26.9	29.0	HT-10X028 •	82	HT-13X028 •	64
1 1/4	1 3/8	35	1	33.7	35.5	HT-10X035	60	HT-13X035	50
1 1/2	1 5/8	42	1 1/4	42.4	43.5	HT-10X042	50	HT-13X042	40
			1 1/2	48.3	49.0	HT-10X048	40	HT-13X048	32
2	2 1/8	54			55.0	HT-10X054	38	HT-13X054	32
			2	60.3	68.0	HT-10X060	32	HT-13X060	28
2 13/16	3	76.1	2 1/2	76.1	77.0	HT-10X076	26	HT-13X076	24
			3	88.9	90.0	HT-10X089	20	HT-13X089	18

Copper pipe Cu			Iron and steel pipe Fe		Min ID mm	19 mm Insulation thickness		25 mm Insulation thickness	
NB inch	Nom O.D. inch	Nom O.D. mm	NB inch	Nom O.D. mm		Reference	m / carton	Reference	m / carton
3/8	1/2	12			12.5	HT-19X012	80	HT-25X012	50
1/2	5/8	15			16.0	HT-19X015 •	64	HT-25X015 •	50
		18	3/8	17.2		HT-19X018	58	HT-25X018	42
3/4	7/8	22	1/2	21.3	22.5	HT-19X022 •	50	HT-25X022 •	36
1	1 1/8	28	3/4	26.9	29.0	HT-19X028 •	40	HT-25X028 •	32
1 1/4	1 3/8	35	1	33.7	35.5	HT-19X035 •	32	HT-25X035 •	24
1 1/2	1 5/8	42	1 1/4	42.4	43.5	HT-19X042 •	24	HT-25X042 •	24
			1 1/2	48.3	49.0	HT-19X048 •	22	HT-25X048 •	20
2	2 1/8	54			55.0	HT-19X054	18	HT-25X054 •	18
			2	60.3	62.0	HT-19X060 •	16	HT-25X060 •	18
2 13/16	3	76.1	2 1/2	76.1	77.0	HT-19X076	18	HT-25X076	12
			3	88.9	90.0	HT-19X089 •	16	HT-25X089	12

HT/ARMAFLEX Coils

Colour dark grey

Copper pipe Cu			Iron and steel pipe Fe		Min ID mm	13 mm Insulation thickness		19 mm Insulation thickness	
NB inch	Nom O.D. inch	Nom O.D. mm	NB inch	Nom O.D. inch		Reference	Coil length per carton m	Reference	Coil length per carton m
15			1/2	5/8	16.0	HT-13X015/E	26	HT-19X015/E	16
						HT-13X018/E	22	HT-19X018/E	14
22	1/2	21.3	3/4	7/8	22.5	HT-13X022/E	18	HT-19X022/E	12

HT/ARMAFLEX Continuous Sheet



Width 1 m, colour dark grey, with skin on both sides

Reference	Insulation thickness mm	Roll length m	Carton content in m ²
HT-10-99/E	10	10	10
HT-13-99/E	13	8	8
HT-19-99/E	19	6	6
HT-25-99/E	25	4	4

HT/ARMAFLEX Adhesive HT625



HT625 adhesive is a one-component adhesive which has been developed to bond Armaflex insulation applied on high temperature, especially well matched with HT/Armaflex material. It guarantees a homogeneous and safe bonding at joints and seams.

Reference	Description	Carton content
ADH625/1,OE	Armaflex adhesive 625, 1.0 litre	12 cans
ADH625/0,5E	Armaflex adhesive 625, 0.5 litre	12 cans
ADH625/0,2E	Armaflex adhesive 625, 0.25 litre	24 cans

HT/ARMAFLEX Tape



Reference	Thickness mm	Length m	Width mm	Carton content rolls
HT-TAPE	3	15	50	12

- Continuous Sheets are available in 32mm, 38mm and 50mm insulation thickness on request.
- Delivery for all HT/Armaflex products (excl. the products marked with •): 10 working days