

HT/Armaflex® SOLAR APPLICATIONS

High Temperature Insulation

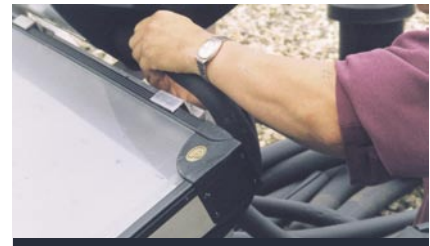
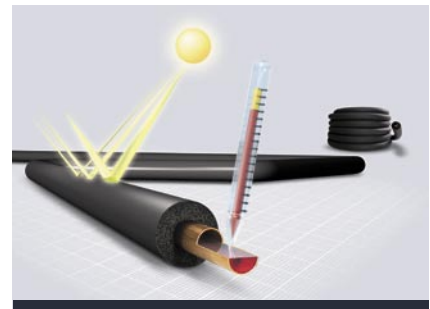
- ▶ UV Resistant And Can Be Installed Outside Without Additional Protective Measures
- ▶ Suitable For Use Up To Temperatures Of 150°C **
- ▶ Available in Coils to Fit Solar Hot Water Pipe Sizes



HT/Armaflex is a flexible, UV resistant, insulation material capable of operating at solar hot water temperatures.

As a dust and fibre free product, HT/Armaflex is an easily installed professional solution. Furthermore a range of continuous HT/Armaflex coils makes installation even more straightforward by eliminating almost all need for adhesive.

- » UV resistant and can be installed outside without additional protective measures
- » Suitable for use up to temperatures of 150°C **
- » Available in coils to fit solar hot water pipe sizes
- » Closed cell nature with a built in water vapour barrier
- » Effective surface touch protection for exposed pipes
- » Dust, fibre and CFC free with an Ozone depletion potential rating of zero



	Values	Remarks								
Material	Foamed EPDM Rubber									
Max. Surface Temperature	+150° C**	** for multi-layer applications above +125° C, please consult our Technical Department. Tel. +44 (0)161 287 7038 · Fax +44 (0)161 633 2685								
Min. Surface Temperature	-50° C									
Thermal Conductivity at 0° C	0.038 W/(m · K)	Test according to BS 874 Part 2 1986								
Thermal Conductivity at +40° C	0.042 W/(m · K)									
Water Vapour Permeability	Moisture Resistance Factor $\mu > 4,000$	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	<table border="0"> <tr> <td>Building Materials</td> <td>Very Good</td> </tr> <tr> <td>Chemicals</td> <td>Consult Product Test List</td> </tr> <tr> <td>Ozone</td> <td>Very Good</td> </tr> <tr> <td>UV</td> <td>Very Good</td> </tr> </table>	Building Materials	Very Good	Chemicals	Consult Product Test List	Ozone	Very Good	UV	Very Good	
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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.**