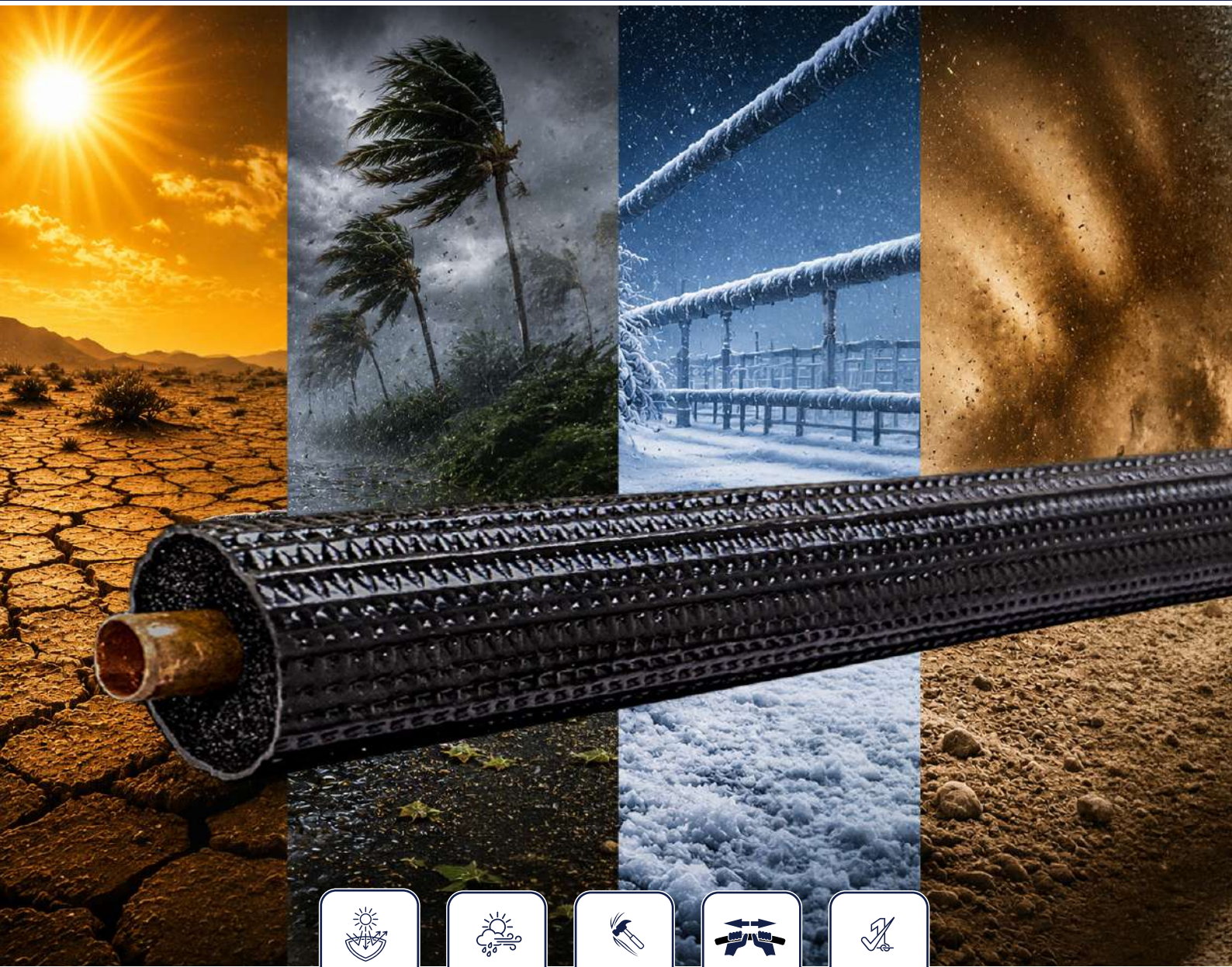


AEROFOAM-UVX



**Exterior Grade Closed Cell
Elastomeric Insulation Engineered
for Extreme Environments**

AEROFOAM® UVX TUBES



AEROFOAM® UVX combines the thermal performance of closed-cell elastomeric foam with an advanced UVX protective coating, delivering superior resistance against sunlight, moisture, impact, and weather without requiring additional jacketing or field-applied coatings.

AEROFOAM® UVX COATING

The AEROFOAM® UVX Coating is a proprietary, flexible, UV-resistant polymeric protective layer factory applied to AEROFOAM® closed-cell elastomeric insulation. The coating is designed to withstand prolonged outdoor exposure while maintaining flexibility, weather resistance, and mechanical durability across a wide range of operating temperatures.

The UVX coating is engineered to provide protections against:

The AEROFOAM® UVX Coating™ transforms premium elastomeric insulation into a complete exterior protection system. Designed to withstand years of exposure to sunlight, weather, and everyday abuse, UVX shields both the insulation and the piping system from the harsh realities of outdoor environments., without the need for field-applied paints or additional jacketing.

FEATURES

-  UV resistant
-  Weather resistant
-  Impact resistant
-  High mechanical strength
-  Closed cell structure
-  Prevent condensation
-  Suitable for low temperature applications
-  Flexible
-  Once step installation
-  Long term system protection
-  Suitable for coastal area applications
-  Environmental friendly foam

APPLICATIONS



AEROFOAM® UVX TUBES - R-VALUES

Nominal Pipe ID	1/2"	3/4"	1"
1/4"	3.8	6.4	8.3
3/8"	3.3	5.9	7.3
1/2"	3.3	5.5	7.2
5/8"	3.4	5.6	7.2
3/4"	3.3	5.5	7.0
7/8"	3.3	5.4	7.0
1"	3.3	5.4	7.1
1-1/8"	3.3	5.4	7.2
1-1/4"	3.3	5.4	7.2
1-3/8"	3.2	5.3	7.2
1-1/2"	3.1	4.9	6.9
1-5/8"	3.2	5.1	7.2
1-3/4"	3.2	5.1	7.2
1-7/8"	3.2	5.1	7.2
2"	3.2	5.2	7.1
2-1/8"	3.2	4.8	6.8
2-3/8"	3.2	4.8	-
2-1/2"	3.2	5.0	-
2-5/8"	3.2	4.7	-

*Note: R-values applicable for the foam core

SIZE AVAILABILITY

Tubes	
ID	Thickness
1/4" - 2-5/8"	1/2"
1/4" - 2-5/8"	3/4"
1/4" - 2-1/8"	1"

*Availabe in the form of tubes, with or without slit or in continuous coil

ACCESSORIES



Adhesive	Units
Aerofoam® NBR Glue	0.6 Galons 8 oz

AEROCALC

AEROCALC software is an excellent tool for calculating the most optimal thicknesses of insulation. Available as Desktop, iOS and Android applications.

Visit our website: aerofoamusa.com



Scan the QR code to download the Desktop app.



TECHNICAL DATA

Description: Aerofoam® UVX is a flexible closed cell elastomeric thermal insulation foam with durable UV and weather resistant, factory-applied coating, designed for extreme outdoor conditions.

Property	Value/ Assessment	Test Method
Thermal conductivity (Foam core) At 90 °F At 75 °F At 32 °F	0.25 BTU-in/hr-ft² 0.23 BTU-in/hr-ft² 0.22 BTU-in/hr-ft²	ASTM C518
Temperature range Max. line temperature Min. line temperature <small>Aerofoam® Technical Support should be consulted for applications with temperatures below -40 °F.</small>	+230 °F (+180 °F with PSA*) -112 °F (-22 °F with PSA*)	ASTM C411 ASTM C534
Density of the Foam core	2.5 to 5 lb/ft³	ASTM C302
Water vapor diffusion resistance factor (Foam Core)	μ>17,000	BS EN 12086
Water vapor permeance (Foam Core)	0.005 perms-inch	ASTM E96
Water absorption (Foam core)	0.06% by volume	ASTM C209
Reaction to fire (Foam core)	FSI<25 & SDI<50 HF-1, V-0, 5VA	ASTM E84 UL94
UV Resistance	Excellent (5000 Hours)	ASTM G154
Resistance to fungi	Zero growth	ASTM G21
Resistance to bacteria	Zero growth	ISO 22196
Ozone resistance	Excellent	ASTM D1149
TVOC (emission rate - 24 hours)	<9.10x10 ⁻¹¹ oz/inch²/h	ASTM D5116
RoHS	Comply	RoHS 3 2015/863
Environment friendly Ozone Depletion Potential Global Warming Potential CFC, HCFC, dust, fibers & asbestos	0 <5 Free	
Storage life Can be stored for 24 months from manufacturing date in a dry, clean, dust free room at normal humidity and ambient temperature.		

Disclaimer: This information on Hira Industries products is presented to the best of our knowledge. All product data is based on average values and is for guidance only. As these products are subject to constant research and development, we reserve the right to update the contents without notice.

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