

# AEROFOAM<sup>®</sup>

## DUOCOIL



Aerofoam<sup>®</sup> NBR Elastomeric **DUOCOIL** tubes used for light commercial air-conditioning and refrigeration installations.



### Insulated Elastomeric Pair Coil

*This picture uses props, the product is only Aerofoam<sup>®</sup> NBR DUOCOIL.*

## Technical Data

### Temperature Range

Max. Line Temperature	80 °C
Min. Line Temperature	-80 °C
DIN EN 14706, ASTM C534, ASTM B280-20	

*Our Customer Service Centre should be consulted for applications with temperatures below -40 °C.*

Thermal Conductivity at 24 °C	0.033 (W/m·K)
Thermal Conductivity at 35 °C	0.035 (W/m·K)
ASTM C518	
Density (foam core only)	40 - 70 kg/m <sup>3</sup>
Water Vapor Diffusion Resistance Factor $\mu$	$\geq 17,000$
BS EN 12086	
Water Vapor Permeance [perms]	1.56E-9 g/m <sup>2</sup> s
ASTM E96	
Water Absorption [% by volume]	0.06
ASTM C209	
Reaction to Fire	
ASTM E84	Class A
BS 476 Part 6 and 7	Class O

Resistance to Fungi	Passed
ASTM G21	
Resistance to Bacteria	Passed
ISO 22196	
Emission (VOC level)	<4 ug/m <sup>2</sup> /hr
ASTM D5116	
Corrosion Risk	pH Neutral
DIN 1988	

### Environmental Friendly

Ozone Resistance	Excellent
Ozone Depletion Potential (ODP)	0
Global Warming Potential (GWP)	<5
CFC & HCFC, Dust, Fibres	Free

### Shelf Life

Store in a dry, clean and ventilated place. Do not expose to direct sunlight.

## AEROFOAM® DUOCOIL

10 mm Insulation thickness		
Code	Tube size [inch]	Coil length [m]
AFDC-09-0610/18	1/4 x 3/8	150-200
AFDC-09-0612/18	1/4 x 1/2	150-200
AFDC-09-0615/18	1/4 x 5/8	150-200
AFDC-09-1015/18	3/8 x 5/8	150-200
AFDC-09-1020/18	3/8 x 3/4	150-200



13 mm Insulation thickness		
Code	Tube size [inch]	Coil length [m]
AFDC-13-0610/18	1/4 x 3/8	150-200
AFDC-13-0612/18	1/4 x 1/2	150-200
AFDC-13-0615/18	1/4 x 5/8	150-200
AFDC-13-1015/18	3/8 x 5/8	150-200
AFDC-13-1020/18	3/8 x 3/4	150-200



Remark: Insulation on 5/8" and 3/4" tube is up to 15 mm-thickness to achieve R-values.

19 mm Insulation thickness		
Code	Tube size [inch]	Coil length [m]
AFDC-19-0610/18	1/4 x 3/8	150
AFDC-19-0612/18	1/4 x 1/2	150
AFDC-19-0615/18	1/4 x 5/8	150
AFDC-19-1015/18	3/8 x 5/8	150
AFDC-19-1020/15	3/8 x 3/4	150



Remark: Insulation on 5/8" and 3/4" tube is up to 22 mm-thickness to achieve R-values.

### Features

- Condensation control
- Water vapor resistance
- Mold and mildew resistant
- Temperature range: -80 °C to 80 °C
- Factory applied double seal closure system for improved performance



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**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.