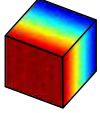


The ideal insulation for VRV/VRF system.

Massive cost savings by using GoFlex<sup>®</sup> to reduce energy loss and have a longer life span than the traditional insulation products.



## Features



### THERMAL CONDUCTIVITY

GoFlex<sup>®</sup> flexible elastomeric thermal insulation tubes have a unique closed cellstructure which offers the material a verygood and stable thermal performance through a low Lambda ( $\lambda$ ) value.



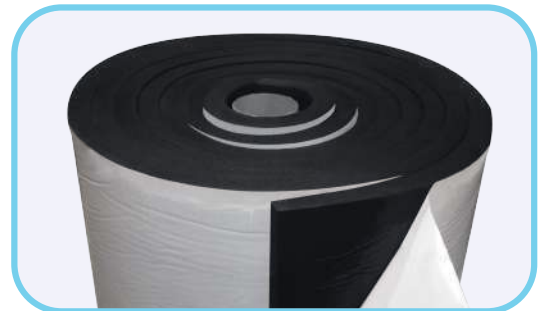
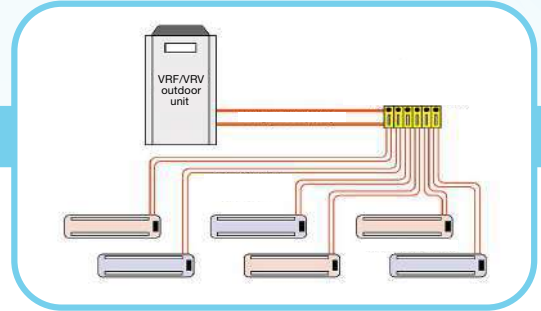
### EASE OF INSTALLATION

GoFlex<sup>®</sup> flexible elastomeric thermal insulation tubes are quick and easy to install with a smooth surface skin. They are suitable for low and high temperature applications like HVAC&R.



### ENVIRONMENT FRIENDLY

GoFlex<sup>®</sup> flexible elastomeric thermal insulation tubes are CFC and HCFC free, fiber free, dust free and resistant to mold and fungi growth. They have very low ODP (Ozone Depletion Potential) and GWP (Global Warming Potential).



# Technical Data

<b>Temperature range</b> Max. line temperature Min. line temperature	105 °C (flat surface and tape 85 °C) -40 °C
<b>Thermal conductivity</b> at 24 °C	0.035 W/(m·K)
<b>Density</b>	40-70 kg/m <sup>3</sup>
<b>Water absorption [% by volume]</b>	0.06
<b>Flexibility</b>	Excellent
<b>Ozone resistance</b>	Good
<b>Odour</b>	Negligible
<b>Resistance to oil and grease</b>	Good
<b>Reaction to fire</b> <b>Surface spread of flame</b>	BS 476 part 7 Class 1
<b>Shelf life</b> <i>Store in a dry, clean and ventilated place. Do not expose to direct sunlight.</i>	1 year for self-adhesive sheets/rolls, self-adhesive tapes

## Applications:

Thermal insulation / protection for pipes (including elbows, fittings, flanges, etc.), air-conditioning, heating, refrigeration and process equipment to prevent condensation and save energy.

## Accessories:



NBR Glue



NBR Foam Tape



Duct Tape  
Black / Gray

**Note:** All outdoor applications of GoFlex<sup>®</sup> elastomeric foam need to be protected by GoFlex<sup>®</sup> approved paint or cladding.

## GoFlex<sup>®</sup> NBR Tubes - Size Range

Internal Diameter		INSULATION WALL THICKNESS			
		3/8"-9mm	1/2"-13mm	3/4"-19mm	1"-25mm
Inch	mm	Pcs/Box	Pcs/Box	Pcs/Box	Pcs/Box
1/4"	6	168	90	50	35
3/8"	9	130	80	40	25
1/2"	13	115	65	40	25
5/8"	16	90	60	35	25
3/4"	19	76	45	30	20
7/8"	22	70	40	30	20
1"	25	55	40	25	20
1-1/8"	28	55	36	25	18
1-1/4"	32	40	30	20	15
1-3/8"	35	36	30	20	15
1-1/2"	38	36	25	17	12
1-5/8"	42	30	25	17	12
1-7/8"	48	25	20	15	10
2"	51	25	20	15	9
2-1/8"	54	25	20	15	9
2-3/8"	60	20	18	12	9
2-1/2"	63	-	15	10	8
2-5/8"	67	-	15	10	6
2-7/8"	73	-	12	10	6
3"	76	-	12	10	6
3-1/8"	79	-	10	10	6
3-1/2"	89	-	10	8	6
3-5/8"	92	-	8	6	4
4"	102	-	8	6	4
4-1/8"	105	-	8	6	4
4-1/4"	110	-	8	6	4
4-1/2"	114	-	6	6	3

**Note:** Other sizes (diameters and thicknesses) are available upon request.

INSULATION SHEETS/ROLLS		
Inch	mm	WxL (mtr)
1/4"	6	1x30
3/8"	9	1x20
1/2"	13	1x14
5/8"	16	1x12
3/4"	19	1x10
1"	25	1x8
1-1/4"	32	1x6

Rolls/Sheets are available with foil and adhesive upon request.

## Rolls/Sheets Tolerance:

9-25 mm ±22 mm (thickness) ±1.5% length  
32-50 mm ±22 mm (thickness) ±1.5% length

## Tubes Tolerance:

Internal Diameter (ID)	Target	Target Tolerance
	ID + 1 mm	-1 mm, +4 mm (ID ≤100 mm) -1 mm, +6 mm (ID >100 mm)
Thickness	≤6-16 mm: ±1.5 mm (thickness)	
	19-25 mm: ±2.5 mm (thickness)	
	≥32 mm: ±3 mm (thickness)	
Length	± 1.5% (length)	

## Tubes Length

1.8 mtr ± 1.5%

Also, available in 2 mtr length as per customer requirement.

**Disclaimer:** This information on Hira Manufacturing 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.

### UAE Head Office

Hira Industries LLC  
P.O. Box: 50673, Dubai, UAE  
☎ +971 4 884 8414  
✉ enquiry@rhira.com  
🌐 www.rhira.com

### UAE Factory

Hira Industries LLC  
P.O. Box: 9013, RAK, UAE  
☎ +971 7 258 9006  
✉ enquiry@rhira.com  
🌐 www.rhira.com

### Regional Factory

Hira Manufacturing Co. Ltd.  
Lot 16, Street No. 5, Giang Dien IP,  
Giang Dien Commune, Trang Bom District,  
Dong Nai Province, Vietnam.  
☎ +84 251 3684 222 | ✉ enquiry@rhira.com  
🌐 aerofoamvietnam.com