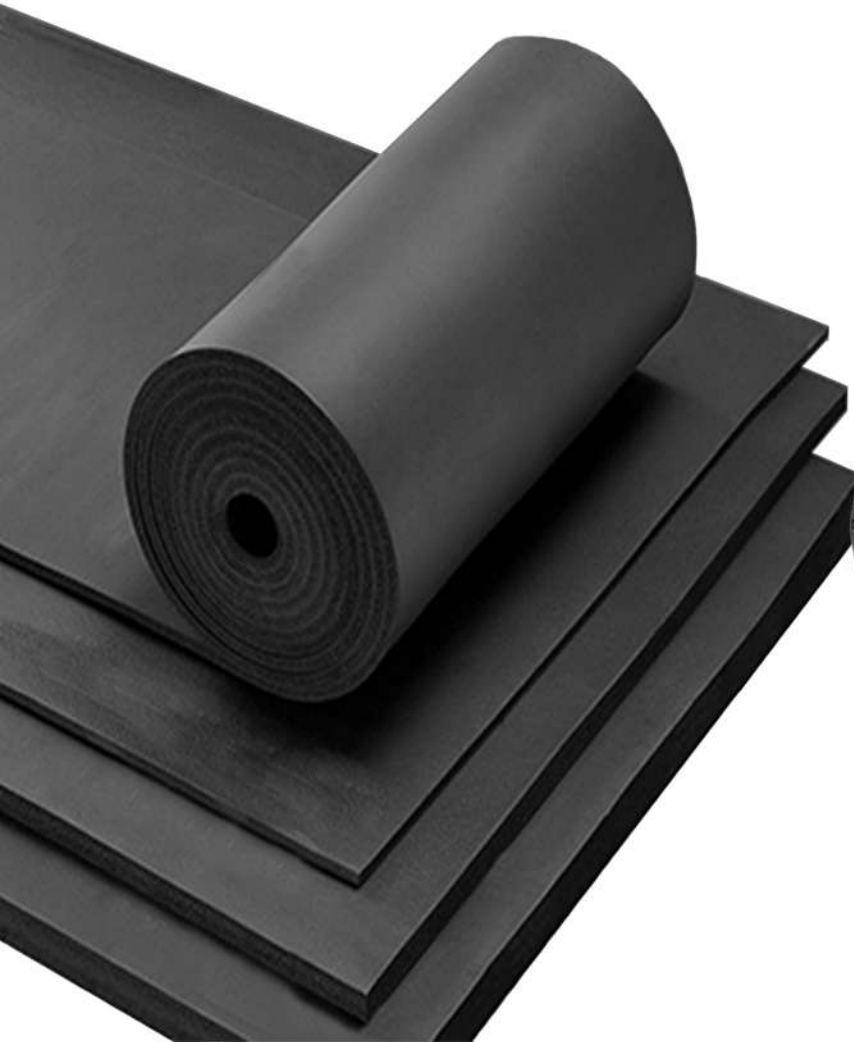




GULF·O·FLEX®

A TRUSTED NAME IN HVACR
SINCE 1993



- ✓ Retard Heat Gain and Prevent Condensation
- ✓ Low Flame Spread and Low Smoke Density
- ✓ Water Vapour Resistant
- ✓ Environment Friendly (ODP of ZERO)
- ✓ Fast and Easy Installation



**RWI INDUSTRIES
(PRIVATE) LIMITED**
A MEMBER OF SHAIKHANI GROUP

RWI Industries Private Limited

RWI Industries Private Limited in Sri Lanka is a sister unit of Rubber World Industry U.A.E. Established in 1993, Part of Shaikhani Group, manufacturing company specialized in the production of technically advanced thermal flexible elastomeric insulation materials. The products are sold under our flagship brand GULF-O-FLEX.

Leading in the industry we cater 60% of the regions requirement for rubber insulation products, and trade in the complete range of HVAC products. Our products are exported to GCC, Africa, Far East Asia, Europe, USA & Canada. This has enabled the Company to achieve remarkable multi-million dollar revenue and overall global success.

Gulf-O-Flex

Having become a world leader in engineered foams, Rubber World Industry LLC developed "Gulf-O-Flex" as our flagship brand in flexible foam insulation. Gulf-O-Flex products ensure a high level of reliability through the careful selection of raw materials and constant quality control. Our continuous effort to offer the most appropriate insulation system with perfect balance of cost ratio has been the formula for our success.

Gulf-O-Flex products are dust free, fiber free, CFC free, and has an ODP of zero for environment friendly products. It is also formaldehyde free, has low VOCs, and resistant to mold and mildew.

Technical Data

Physical Properties			
1	Material	NBR	
2	Cell Structure	Closed	
3	Density Gms / Cm ³	0.050 - 0.070 Gms / cm ³	BS 476 Part 6 & 7 ASTM D 3575- 91
4	Thermal Conductivity K Value at 40C mean Temperature	0.0338 w/m - K	ASTM C518 BS 874 1986
5	Temperature limit °C	-40 °C to +120 °C	
6	Thermal Stability % Shrinkage	2.54 (7 days at 95 °C)	ASTM D 3575-91
7	Water Absorption	2.98	ASTM D 3575-91
8	Water vapour Permeability perm/Max	0.00 Perm - in	ASTM E 96-95 ASTM E 96-95
9	Resistance to Ozone	Excellent	ASTM D 1149
10	Flammability	Self Extinguishing	ASTM D 635-91
11	Fire Rating	Class 0, Class 1 25 / 50	BS 476 Part 6 & 7 ASTM E-84
12	Average time of Burning	Less then 4 Sec	ASTM D 1149
13	Average extend of Burning	15min	
14	Flexibility	Excellent	ASTM D 1056-85
15	Resistance to Weather & Ultra Violet Rays	Very Good	ASTM G 53-96
16	Resistance to Chemicals	Very Good	
17	Odour	Negligible	SAEJ 1351
18	Mildew resistance	No Fungal Growth	ASTM G 21-80
19	Copper Corrosion	Negligible	ASTM C 665-94



Class 0 & Class 1 Approved by:



Description

Gulf-O-Flex Tube insulation is an environmentally friendly CFC free, flexible elastomeric thermal insulation. With smooth shark skin and is available in wall Thickness of 1/4", 3/8", 1/2", 3/4", 1" ID from 1/4" ID to 4-1/2" Iron Pipe size. Gulf-O-Flex Tube is non porous and resists mildew growth.

Tube Range: Slit Tubes with & without Adhesives, Continuous coil tubes, Colored Tubes, Tubes with & without Adhesives.

Sheets Range: Insulation sheet roll, Insulation sheet box, Insulation sheet rolls with adhesives, Insulation sheet rolls without adhesives, Insulation sheet for sound resistant's & sound proofing, Insulation sheet for Duct Liner.

Application

Gulf-O-Flex is used to retard heat gain and prevent condensation or frost formation in refrigerant lines i.e cold water plumbing and chilled water systems. It also retards heat loss for water plumbing, liquid heating, dual temperature piping and many solar systems.

Gulf-O-Flex is recommended for application ranging from -40°C to +120°C. The expanded closed cell structure makes an efficient insulator and an effective moisture vapour barrier.

Gulf-O-Flex has a very tough shark skin which withstand tearing rough handling and severe enviromental conditions.



**Rubber Insulation
Tubes Per Box**

INSULATION ID		Wall Thk 3/8" / 9mm	Wall Thk 1/2" / 13mm	Wall Thk 3/4" / 19mm	Wall Thk 1" / 25mm
Inches	mm	Pcs/Ctn	Pcs/Ctn	Pcs/Ctn	Pcs/Ctn
1/4"	6	168	90	50	35
3/8"	10	130	80	40	25
1/2"	13	115	65	40	25
5/8"	16	90	60	35	20
3/4"	19	76	45	30	20
7/8"	22	70	40	30	20
1"	25	55	40	25	20
1-1/8"	29	55	36	25	18
1-1/4"	32	40	30	20	15
1-3/8"	35	36	30	20	15
1-1/2"	38	30	24	17	12
1-5/8"	42	30	25	17	12
1-7/8"	48	25	20	15	10
2"	50	25	20	15	9
2-1/8"	54	25	20	15	9
2-3/8"	60	20	18	12	9
2-1/2"	63	20	15	10	8
2-5/8"	67	20	15	10	8
2-7/8"	73	***	15	10	6
3"	75	***	12	10	6
3-1/8"	79	***	12	10	6
3-1/2"	89	***	10	8	6
4"	101	***	6	6	4
4-1/8"	105	***	6	6	4
4-3/8"	111	***	6	6	4
4-1/2"	114	***	6	6	4

**Rubber Insulation
Sheet Rolls**

Wall Thickness		Size
Inches	mm	Meters
1/4"	6mm	10 x 1
		30 x 1
3/8"	9mm	10 x 1
		20 x 1
1/2"	13mm	10 x 1
		14 x 1
5/8"	16mm	12 x 1
3/4"	19mm	10 x 1
1"	25mm	8 x 1
		10 x 1
1-1/4"	32mm	6 x 1
1-1/2"	38mm	4 x 1
2"	50mm	4 x 1

**Rubber Insulation
Sheet Box**

Wall Thickness		Size	Pcs
Inches	mm	Meters	Per Carton
1/4"	6mm	1 x 1	30
3/8"	9mm	1 x 1	26
1/2"	13mm	1 x 1	20
5/8"	16mm	1 x 1	16
3/4"	19mm	1 x 1	14
1"	25mm	1 x 1	10
1-1/4"	32mm	1 x 1	6
1-1/2"	38mm	1 x 1	4
2"	50mm	1 x 1	4

SPECIFICATION COMPLIANCE

ASTM C 518

ASTM D 1056-00-2C1

CLASS 0

(Fire propagation test according to BS 476 part 6 complies with the requirements of UK.)

CLASS 1

(Surface spread of flame according to BS 476 part 7 complies with the requirements of UK.)

Sri Lanka Project Approvals:

Bandaranaike International
Airport, Colombo, Sri Lanka



Custom Headquarters, Colombo,
Sri Lanka



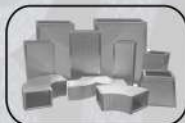
Cinammon Bay, Colombo,
Sri Lanka



Taj Samudra Hotel, Colombo, Sri Lanka



GULF-O-FLEX Accessories





GULF·O·FLEX[®]

PRODUCT OF RUBBERWORLD

COMPLETE RANGE OF QUALITY HVAC&R PRODUCTS

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