



GULF·O·FLEX UltraLine®

**Next-generation
line-set insulation.**

Rubber World Industry LLC

Industry Leader Since 1993

Rubber World Industry LLC, here after referred to as "RWI", was established in 1993 to manufacture a comprehensive and versatile range of technically advanced Rubber NBR Insulation products. RWI is a pioneer UAE national enterprise that has become an industry leader in the entire Gulf and South-East Asia region. Today we supply 56% of the region's requirements for Rubber NBR insulation products, and trade in the complete range of HVAC & R products. International exports to USA, Europe, Africa, and Far East Asia has enabled the company to achieve remarkable multi-million dollar revenue and overall global success.

GULF·O·FLEX UltraLine

Pre-Jacketed, UV-Resistant Flexible Elastomeric Line-Set Insulation

Gulf·O·Flex UltraLine is a next-generation line-set insulation combining a closed-cell NBR/PVC elastomeric foam core with a co-extruded UV-resistant polymeric jacket. It delivers superior protection against thermal loss, condensation, UV radiation, and mechanical damage, eliminating the need for field-applied coating or additional jacketing.

Applications

Industry Applications



Outdoor Refrigerant Lines

Outdoor refrigerant and condensate lines for VRF/VRV & ducted split systems.



Roof-Mounted Piping

Outdoor or roof-mounted piping for tropical & coastal conditions.



Thermal Performance

Temperature range: -70°C to $+105^{\circ}\text{C}$ with peaks up to 121°C .

Data Sheet

Technical Data Sheet

SPECIFICATIONS	INDEX	TEST METHODS
Main Composition	Flame-retardant NBR/PVC elastomeric foam with proprietary copolymer blend jacket	
Thermal Conductivity (Btu-in/hr-F12-°F)/W/mK 75°F (24°C) Mean Temp	0.230/0.036	ASTM C177
Density	3-6 lb/ft^3	ASTM D1667
Operating Temperature Range	-70°F* (-57°C) to +220°F (+104°C)**	ASTM C534
Water Vapor Permeability	<0.00 perm-in	ASTM E96
Dimensional Stability	<7% Linear Shrinkage	ASTM C534
Corrosion Risk	pH neutral	DIN 1988
UV Resistance	Excellent - No Deterioration	ASTM G154 tested to 5,000 hours
Flammability	25/50 (FSI/SDI) Rated	ASTM E84, UL 723 CAN/ULC S102.2 - 25/50 rated
Tensile Strength	1,200 psi min.	ASTM D412
Hot surface Performance at 250°F (121°C)	Pass	ASTM C411 NFPA 90 A

Temperature below -40°C, Please contact our customer call center.

Approx.

Pipe R Values

1/2" Wall 3.5 – 4.9	3/4" Wall 5.6 – 6.1	1" Wall 6 – 10.2
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Packing List

Product Range

INSULATION ID		WALL THICKNESS 1/2" , 13 MM		WALL THICKNESS 3/4" , 19 MM		WALL THICKNESS 1" , 25 MM	
INCHES	MM	PCS/CTN	COIL LENGTH (FT)	PCS/CTN	COIL LENGTH (FT)	PCS/CTN	COIL LENGTH (FT)
1/4	6	90	155'	50	100'	35	60'
3/8	10	80	115'	40	80'	25	45'
1/2	13	65	105'	40	75'	25	40'
5/8	16	60	95'	35	60'	20	35'
3/4	19	45	85'	30	40'	20	30'
7/8	22	40	75'	30	40'	20	25'
1	25	40		25		20	
1-1/8	29	36	55'	25	35'	18	20'
1-1/4	32	30		20		15	
1-3/8	35	30		20		15	
1-1/2	38	25		17		12	
1-5/8	41	25		17		12	
1-7/8	48	20		15		10	
2	51	20		15		9	
2-1/8	54	20		15		9	
2-3/8	60	18		12		9	
2-1/2	64	15		10		8	
2-5/8	67	15		10		8	

Note: 6FT per Piece

Manufactured by
Rubber World Industry LLC

United Arab Emirates
Head Office Ajman
PO BOX 2435, Ajman, UAE

Phone: +971 67 43 4176
Mail: info@gulfoflex.com | www.gulfoflex.com

