

2022

INSULATION PRODUCTS CATALOGUE



ORYX

ORYX is a comprehensive and versatile range of technically advanced Rubber Insulation products.

Today, we supply Rubber Insulation products and trade in a complete range of HVAC & Refrigeration products.

Having become a world leader in engineered foams, ORYX 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 the perfect balance of cost ratio has been the formula for our success.

ORYX products are dust-free, fibre-free, CFC-free, and have an ODP of zero for environmentally friendly products. They are also formaldehyde-free, have low VOCs, and are resistant to mould and mildew.

Insulation Tube & Coil

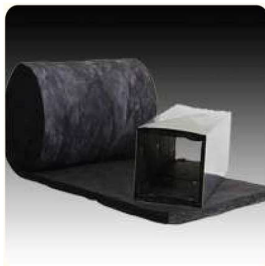


TUBES RANGE

- Plain
- Aluminium Facing
- Aluminium Facing, Slit with Adhesive
- Aluminium Facing Slit without Adhesive
- Aluglass Facing
- Slit without Adhesive
- Slit with Adhesive
- Continuous Coil
- Coloured

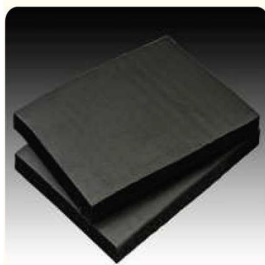


Insulation Sheet Rolls & Slabs



SHEETS RANGE

- Roll
- Box
- Aluminium Facing
- Aluglass Facing
- Black Glass Cloth
- Coloured
- With Adhesive
- Without Adhesive
- Sound Resistant and Sound Proofing
- Duct Liner
- For Base Control and Vibration
- For Duct Outer
- Process
- For Flooring (3mm)
- For Sports Track



TECHNICAL DATA

S. No.	SPECIFICATIONS	INDEX	TEST METHOD	
1	MATERIAL	NBR		
2	CELL STRUCTURE	CLOSED CELL		
3	DENSITY kg/m^3	50 - 80 kg/m^3	ASTM C 302 : 1995 ASTM D 3575-91	BS EN 1602:2013
4	THERMAL CONDUCTIVITY "k" at 35°C MEAN TEMPERATURE	0.033 W/m - K	ASTM C518	BS 874 1986
5	TEMPERATURE LIMITS ° C CONSULT SALESPERSON FOR APPLICATIONS WITH TEMPERATURE BELOW -40 °C & HIGHER	-40 ° C to +120 ° C	ASTM C 534	
6	THERMAL STABILITY % SHRINKAGE	2.54 (7 DAYS AT 105 ° C	ASTM D 3575 - 91	
7	FLEXIBILITY	EXCELLENT	ASTM D1056-85	
8	WATER ABSORPTION	2.98	ASTM D 3575 - 91	
9	WATER VAPOUR PERMEABILITY perm/Max	0.00 Perm - in	ASTM E96/96M	MEETS THE REQUIREMENTS OF TABLE 1 OF BS 5422:2009
10	WATER VAPUOR DIFFUSION RESISTANCE FACTOR "μ"	>7300	BS EN 12086	
REACTION TO FIRE				
11	FLAMMABILITY	SELF EXTINGUISHING	ASTM D 635-91	
12	FIRE RATING*	CLASS O, CLASS 1 25/50 RATED	BS 476 PART 6 & 7 ASTM E 84	UL 723
13	AVERAGE TIME OF BURNING	LESS THAN 4 SEC	ASTM D 1149	
14	AVERAGE EXTEND OF BURNING	15 MIN		
ENVIRONMENTAL				
15	GLOBAL WARMING POTENTIAL (GWP) OZONE DEPLETION POTENTIAL (ODP) RESISTANCE TO OZONE	EXCELLENT	ASTM D 1149	ASTM D 1171
16	RESISTANCE TO WEATHER & UV RAYS	EZCELLENT	ASTM G -154 ASTM G - 155	ASTM G - 23
17	RESISTANCE TO FUNGI/MILDEW	NO FUNGAL GROWTH	ASTM G - 21	ASTM C - 1338
18	RESISTANCE TO BACTERIA	NEGLIGIBLE	ISO 22196	ASTM E 2180
19	RESISTANCE TO CORROSION	pH NEUTRAL	ASTM C 692	EN 13468
20	DUST, FIBRE & ASBESTOS	FREE	EPA 600	
21	CFC & HCFC	FREE	GC - MS	
22	ODOUR	NEGLIGIBLE	SAE J1351	
23	RESISTANCE TO CHEMICALS	EXCELLENT	ASTM C 871	
24	LEACHABLE CHLORIDES	<0.05 9WATER-SOLUBLE CHLORIDE IONS)	ASTM C 692 DIN 1988	EN 13468
25	EMISSION (VOC) VOLATILE ORGANIC COMPOUNDS	VERY LOW (<6 $\mu g/m^3$)	ASTM D 5116	
ACOUSTIC PROPERTIES				
26	SOUND ABSORPTION COEFFICIENTS FREQUENCY (Hz) 1/2" (13mm) 1" (25mm) 2" (50mm)	NRC - 0.38 NRC = 0.49 NRC = 0.55	ASTM C 423	
27	SOUND TRANSMISSION CLASS	6 (Insulation) 38 (Insulation Adhered to Steel Duct)	ASTM E - 90	
	STORAGE LIFE	SELF ADHESIVE: SHEETS/ROLLS/TUBE/TAPES FACING: SHEETS/ROLLS/TUBE/TAPES	1 YEAR	STORE IN DRY, CLEAN & VENTILATED SPACE

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 1vz

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

ASTM E-84 (25 / 50)

*As per customer demand



**RUBBER INSULATION
TUBES PER BOX**

INSULATION ID		WALL THK 3/8", 9 mm	WALL THK 1/2", 13 mm	WALL THK 3/4", 19 mm	WALL THK 1", 25 mm	WALL THK 1-1/4", 32 mm	WALL THK 1-1/2", 38 mm	WALL THK 2", 50 mm
INCHES	mm	PCS/CTN	PCS/CTN	PCS/CTN	PCS/CTN	PCS/CTN	PCS/CTN	PCS/CTN
1/4	6	168	90	50	35	15	***	***
3/8	10	130	80	40	25	15	***	***
1/2	13	115	65	40	25	15	12	6
5/8	16	90	60	35	20	12	8	6
3/4	19	76	45	30	20	12	8	6
7/8	22	70	40	30	20	12	8	6
1	25	55	40	25	20	12	8	6
1-1/8	29	55	36	25	18	12	8	6
1-1/4	32	40	30	20	15	12	6	4
1-3/8	35	36	30	20	15	12	6	4
1-1/2	38	30	24	17	12	10	6	4
1-5/8	41	30	25	17	12	8	6	4
1-7/8	48	25	20	15	10	8	6	4
2	51	25	20	15	9	8	4	4
2-1/8	54	25	20	15	9	8	4	4
2-3/8	60	20	18	12	9	7	4	3
2-1/2	64	20	15	10	8	7	4	3
2-5/8	67	20	15	10	8	7	4	3
2-7/8	73	***	15	10	6	6	3	3
3	76	***	12	10	6	6	3	3
3-1/8	79	***	12	10	6	6	3	3
3-1/2	89	***	10	8	6	4	3	2
4	102	***	6	6	4	4	3	2
4-1/8	105	***	6	6	4	4	3	2
4-3/8	111	***	6	6	4	4	3	2
4-1/2	114	***	6	6	4	4	2	2
5	127	***	4	4	4	3	2	2
5-1/8	130	***	4	4	4	3	2	2
5-3/8	137	***	4	4	3	3	2	***
5-1/2	140	***	4	4	3	3	2	***
6	152	***	***	4	3	3	2	***
6-1/8	156	***	***	4	3	3	***	***
6-3/8	162	***	***	4	3	3	***	***
6-1/2	165	***	***	***	3	3	***	***

**RUBBER INSULATION
SHEET ROLLS**

WALL THICKNESS		SIZE	
INCHESV	mm	LENGTH (m)	WIDTH (m)
1/4	6	30	1
3/8	9	20	1
1/2	13	14	1
5/8	16	12	1
3/4	19	10	1
1	25	8	1
1-1/4	32	6	1
1-1/2	38	4	1
2	50	4	1

**RUBBER INSULATION
SHEET BOXES**

WALL THICKNESS		SIZE		PCS
INCHES	mm	LENGTH (m)	WIDTH (m)	PERCARTON
1/4	6	1	1	30
3/8	9	1	1	26
1/2	13	1	1	20
5/8	16	1	1	16
3/4	19	1	1	14
1	25	1	1	10
1-1/4	32	1	1	6
1-1/2	38	1	1	4
2	50	1	1	4

Note:

- Aluglass, Adhesive & Aluminium Foil Finishing is available in same sizes.
- **Tolerance:** ± 5% for Length, Thickness & Internal Diameter.
- Sizes can be customized, contact salesperson for more information.





Canvas Cloth



Sealant 30-36
& 30-36 AF
(Canvas Coating)



Glue 81 - 10



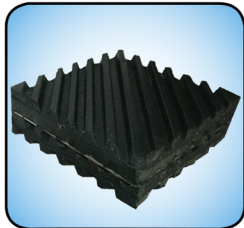
Sealant 32 - 17
(Acrylic Sealant)



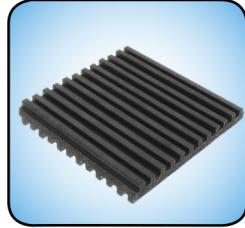
Glue 81 - 10
(AC Duct
Adhesives)



Rubber Cork
Pad



Metal Sandwich
Pad



Full Ribbed
Rubber Pad



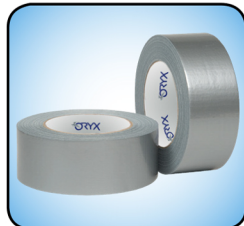
Uninsulated
Duct



Flexible Insulated
Duct



Self-Adhesive NBR
Foam Tape



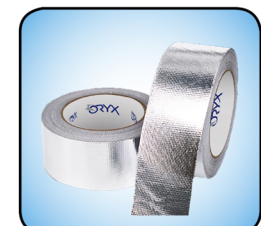
Duct Cloth Tape



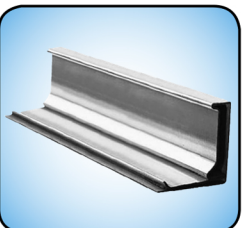
Aluglass Tape



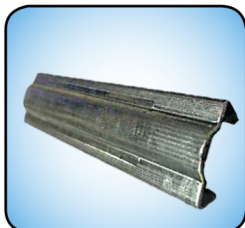
Aluminium FSK
Tape



Aluminium Tape



Flange



Cleat



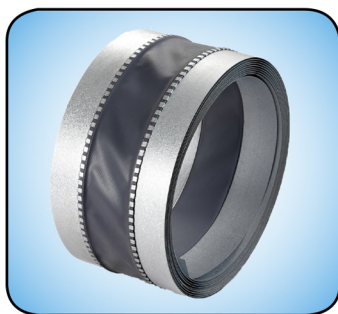
Clamp



Corner



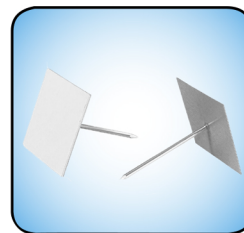
PVC Tape



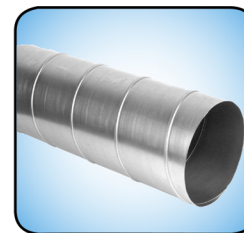
Duct Connector



Semi-Rigid
Flexible Aluminium
Duct



Stuck-Up Pin



Spiral Duct