Aluminum Foil and Self-adhesive Elastomeric Rubber Foam

Thickness (mm)	Sheet Width (1000 mm) m²/Roll	Sheet Width (1200 mm) m²/Roll
6 mm	30 m²	36 m²
9 mm	20 m²	24 m²
13 mm	14 m²	16,8 m²
19 mm	10 m²	12 m²
25 mm	8 m²	9,6 m²
32 mm	6 m²	7,2 m²
50 mm	4 m²	4,8 m²

- Due to the aluminum foil covered, high strength, reinforced, self-adhesive feature it saves time and labor.
- Its high quality aluminum and polyester laminated surface provides resistance against UV rays and external factors.
- The most appropriate size for channel insulation; 100cm and 120cm wide sheets, production in 7 different thickness range.
- Helps to absorb vibrations that occur in the channel through its elastic structure.
- PA-Flex contact adhesive; helps to get results efficiently in the channel assembly.
- Reduces the use of duct tape at round and square-section channels and reduce scrap rates.
- Reduces the scrap rate to 2-3%.
- Due to its adhesive feature, it contributes to sealing and reduces the workmanship errors.
- Operating temperature is between -40 / +120 °C
- Has a density of 50-65 kg/m3.
- Since thermal conductivity coefficient of the elastomeric material is low it reduces the heat transfer significantly. ($\lambda \leq 0{,}034$ W/mK)

Elastomeric Rubber Foam Insulation Pipes

Pa-Flex Elastomeric Pipe

- It is used in order to prevent the condensation caused by the influence of external conditions in the installation pipes in which fluids are used and to minimize heat loses. During the application, insulation inner surface and installation pipe should contact each other completely and the intervening space should not be allowed to occur. Because deformation in insulation would create a heat bridge during the application, the insulation must be made completely. Outdoor applications need to be covered immediately after the installation.
- With a wide range of production PE-Flex pipe insulations in the thicknesses of 6 / 9 / 13 / 19 / 25 / 32mm are produced in diameters from 6mm to 114mm.
- Operating temperature is between -40 / +120 °C
- It has a density 50 to 65 kg / m3.

Elastomeric Rubber Foam Insulation Pipes

Pa-Flex Elastomeric Pipe Measures

BS	DN	METRIC
inch	Ø DN	mm
1/4”	-	15
1/2”	DN15	22
3/4”	DN20	28
1”	DN25	35
11/4”	DN32	42
11/2”	DN40	48
2”	DN50	60
21/2”	DN65	76
3”	DN80	89
4”	DN100	114
5”	DN125	140
6”	DN150	169
8”	DN200	219
10”	DN250	273

BS	DN	METRIC
inch	Ø DN	mm
12”	DN300	323
14”	DN350	398
16”	DN400	406
18”	DN450	467
20”	DN500	508
24”	DN600	610
28”	DN700	761
32”	DN800	813
36”	DN900	914
40”	DN1000	1016
44”	DN1100	1116
48”	DN1200	1219
52”	DN1300	1331
56”	DN1400	1422

Equivalent Sheet Measures in Large Diameter Pipes (m2 / m)

Steel Pipe Diameter		Pipe wall thickness	Insulation thickness								
inch	metric	mm	6 mm	9 mm	13 mm	19 mm	25 mm	32 mm	40 mm	50 mm	60 mm
4”	114	6	0.38	0.39	0.40	0.42	0.44	0.46	0.49	0.52	0.52
5”	140	8	0.46	0.47	0.48	0.5	0.52	0.54	0.57	0.6	0.6
6”	169	10	0.84	0.55	0.56	0.58	0.6	0.62	0.64	0.68	0.68
8”	219	12	0.71	0.72	0.73	0.75	0.77	0.79	0.82	0.85	0.85
10”	273	15	0.88	0.89	0.91	0.92	0.94	0.96	0.99	1.02	1.02
12”	323	18	1.04	1.05	1.06	1.08	1.1	1.12	1.15	1.18	1.18
14”	398	22	1.13	1.14	1.16	1.18	1.19	1.22	1.24	1.27	1.27