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

Elastomeric Rubber Foam Self Adhesive Sheets / Rolls



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

NBR Elastomeric Rubber Foam Sheets / Rolls Covered with aluminum foil

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





NBR / Elastomeric Rubber Foam Self Adhesive Sheets / Rolls Covered with aluminum foil



H-FLEX Elastomeric Insulation Pipes



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

Steel Pipe Diameter 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

Metric	Cooper	Steel		Thick	ness / Amour	nt Of Box		
mm	inch	inch	6mm	9mm	13mm	19mm	25mm	32mm
6	1/4"		502	360	214	*	*	*
8	5/16"		442	308	194	*	*	*
10	3/8"	1/8"	408	262	174	96	*	*
12	1/2"		372	236	164	92	*	*
15	5/8"	1/4"	270	196	138	80	*	*
18	3/4"	3/8"	226	170	120	74	52	*
22	7/8"	1/2"	186	138	100	66	44	*
25	1"		161	120	90	58	42	*
28	1 1/8"	3/4"	136	102	80	50	40	*
35	1 3/8"	1"	102	80	60	38	26	24
42	1 5/8"	1 1/4"	92	66	50	34	24	18
48		1 1/2"	*	52	42	26	20	16
54	21/8"		*	50	38	25	18	15
60	2/38"	2"	*	48	34	24	16	14
67	2 5 /8"		*	45	33	22	15	13
76	3"	2 1/2"	*	42	32	20	14	12
80	3 1/8"		*	40	31	18	12	11
89	3 1/2"	3"	*	38	30	16	14	10
102		3 1/2"	*	32	24	15	13	10
108	4 1/4"		*	29	23	15	13	10
114	4 1/2"	4"	*	26	22	14	12	10



H-FLEX Contact Adhesive



- It is used to seal elastomeric rubber foam insulation to ventilation ducts and piping.
- H-Flex is produced as an alternative to contact adhesive-like products.
- The drying time and reaction of the glue may change in the atmosphere of the site environment.
- After application, surfaces should be fastened.
- Maximum adhesion strength is obtained when the process is carried out in accordance with the strength of the drying process.
- Products are in 15 kg 3.2 kg 1 kg packages.

H-FLEX Reinforced Rubber Bands

• Full sealing with H-Flex reinforced rubber bands, preventing condensation on flanges.

PRODUCT	SIZE
5 cm	3mm x 50mm x 15mt
7.5 cm	3mm x 75mm x 15mt
10 cm	3mm x 100mm x 15mt

H-FLEX Aluminum Foil Band



• H-FLEX aluminum foil bands and vapor impermeable insulation applications.

PRODUCT	SIZE
FLAT	50mm x 25m
FLAT	75mm x 25m
FLAT	100mm x 25m
REINFORCED	50mm x 25m
REINFORCED	75mm x 25m
REINFORCED	100mm x 25m

H-FLEX PVC Band

• Affordable installation with H-Flex PVC bands.

50mm x 28 yd



Product Name	H-FLEX						
Made By	Heed Group						
Standart	EN 14304 Installatio Factory made flexib	n and thermal insulati le elastomeric foam.	ion products for indus	strial applications			
Description	Elastomeric Rubber	Foam Insulation Mate	erial				
	Technical Specification	Standart		Value			
		TS EN 12667	10 °C λ	$\lambda \le 0,032$ W/mK			
	Thormal	TS EN 12667	20 °C λ	$\lambda \le 0,033$ W/mK			
	Conductivity	TS EN 12667	30 °C λ	λ ≤ 0,034 W/mK			
SNC		TS EN 12667	40 °C λ	$\lambda \le 0,035$ W/mK			
АПС	Water vapor diffusion resistance	TS EN 12086	μ	μ > 7500			
IFIC	Intensity	TS EN 1602	Kg / m ³	45 - 60 kg / m ³			
PEC	Heat Resistance	TS EN 12086	m ² . K/W	0,74 m ² . K/W			
CTS	Chemical resistance against oil	-	-	GOOD			
ndo	Flexibility	-	-	VERY GOOD			
PRC	Formation of mold	-	-	NO			
	Operating Temperature	-	-	(-40°C) (+120°C)			
	Package	-	Levha	BAG			
	i donago	-	Boru	BOX			
	Closed Cell Percentage	-	%	> 90			
	Flavor	-	-	INSIGNIFICANT			
	Ozone Resistance	-	_	GOOD			





• Flexible Tube with Laminated Aluminum Foil and Rubber Foam inside

• It is produced as a flexible ventilating channel to be used in heating, cooling, ventilating and waste gas transfer lines reinforced with high tensile steel wire and with aluminum folio at the inner and outer surfaces, fully laminated with rubber foam insulation material between these surfaces.

"Safe and Flexible Air Transfer"

H-FLEX

Material	Aluminium
Diameter Range	Ø 100mm - Ø 610mm
Resistance to heat	-30 °C + 150 °C
Air Flow Rate	max. 30 m/sn
Operating Pressure	max. 5000 Pa
Class	Nonflammable (M1)
Box Packing Form	Box / 7,5mt
Isolation	Rubber Foam
Density	50 - 65 Kg/m3
Thickness	3-15mm



H-FLEX

	NON-ISOLATED	ISOLATED
Material	Aluminium +0PP	Aluminium +0PP
Diameter Range	Ø 52mm- Ø 610mm	Ø 52mm- Ø 610mm
Resistance to heat	-30 °C + 80 °C	-30 °C + 80 °C
Air Flow Rate	max. 30 m/sn	max. 30 m/sn
Operating Pressure	max. 5000 Pa	max. 5000 Pa
Class	-	-
Box Packing Form	Box/10m	Box/10m
Isolation	none	glass wool with 25mm 12-16 kg/m3 density
Jacket	none	Aluminium

H-FLEX Flexible Tube with Laminated Aluminum Foil



• It is produced from laminated aluminum folio at the inner and outer surfaces and high tensile steel wire to be used in heating, cooling, ventilating and waste gas transfer lines.



	NON-ISOLATED	ISOLATED
Material	Aluminum	Aluminum
Diameter Range	Ø 52mm- Ø 610mm	Ø 52mm- Ø 610mm
Resistance to heat	-30 °C + 150 °C	-30 °C + 150 °C
Air Flow Rate	max. 30 m/sn	max. 30 m/sn
Operating Pressure	max. 5000 Pa	max. 5000 Pa
Class	Nonflammable (M1)	Nonflammable (M1)
Box Packing Form	Box/10m	Box/10m
Isolation	none	glass wool with 25mm 12-16 kg/m3 density
Jacket	none	Aluminum

H-FLEX Multi Coated Metalized OPP Flexible Tube



Multi Coated Metalized OPP Flexible Tube It is produced from multilayered metalized OPP and high tensile steel wire to be used in heating, cooling, ventilating and waste gas transfer lines.

"Economical Air System"



	NON-ISOLATED	ISOLATED
Material	Metalized OPP	Metalized OPP
Diameter Range	Ø 52mm- Ø 610mm	Ø 52mm- Ø 610mm
Resistance to heat	-30 °C + 80 °C	-30 °C + 80 °C
Air Flow Rate	max. 30 m/sn	max. 30 m/sn
Operating Pressure	max. 2500 Pa	max. 2500 Pa
Class		
Box Packing Form	Box/10m	Box/10m
Isolation	none	glass wool with 25mm 12-16 kg/m3 density
Jacket	none	Metalized OPP

Connection Apparatus

It is produced as a more impermeable, more resistant, handier and more aesthetic connection device which provides connection of flexible ventilating channels to the main ventilating channel distribution points and all kinds of fans, devices and ventilating equipment. When it is mounted to the flexible ventilating channel by screwing, the flexible air channel tightens thus it will act as a natural seal.

"Airtight, Handy and Economic Connection Device"

H-FLEX



Material Diameter Range Resistance to Heat Class of Reaction against Fire UL Standard

PP Ø 102mm - Ø 252mm -30 °C + 150 °C C-s1, d1 UL 2043



Connector that Prevents Sound and Vibration in the Air Ducts

It is a flexible connection fixture which blocks the transfers of vibration and noise to steel channel that transfers the air in heating, cooling and ventilating systems.

"Vibration and Noise Blocking" Connector

Material Diameter Range Resistance to heat Class Feature

Box Packing Form

0,4mm galv. sheet, 750 denier polyester fabric reinf. PVC Ø 100mm - Ø 610mm -30 °C + 80 °C Nonflammable Resistant to UV, Airtight Box / 25mt





Flanges are made of galvanized sheet material with a length of 5 m. inner part along flange length the mastic is applied. Flange attached aesthetics and provides tightness, reliability duct duct.

The flange is performed in three standard variants:

- 1- Flanges and accessories 25
- 2- Flanges and accessories 35-3
- 3- Flanges and accessories 35-4



Flanges and accessories 25



Flanges and accessories 35-3

Flanges







H-FLEX H-FLEX LEX H-FLEX H H-FLEX H-FLEX LEX H-FLEX H H-FLEX H-FLEX

X H-FLEX H-FL I-FLEX H-FLEX H-FLEX H-FLEX H X H-FLEX H-FLEX H-FLEX H-FLEX H-FLEX I-FLEX H-FLEX H-FLEX H-FLEX H-FLEX H X H-FLEX H-FLEX H-FLEX H-FLEX H-FLEX I-FLEX H-FLEX H-FLEX H-FLEX H-FLEX H X H-FLEX H-FLEX H-FLEX H-FLEX H-FLEX I-FLEX H-FLEX H-FLEX H-FLEX H-FLEX H X H-FLEX H-FLEX H-FLEX H-FLEX H-FLEX I-FLEX H-FLEX H-FLEX H-FLEX H-FLEX H X H-FLEX H-FLEX H-FLEX H-FLEX H-FLEX I-FLEX H-FLEX H-FLEX H-FLEX H-FLEX H X H-FLEX H-FLEX H-FLEX H-FLEX H-FLEX I-FLEX H-FLEX H-FLEX H-FLEX H-FLEX H X H-FLEX H-FLEX H-FLEX H-FLEX H-FLEX I-FLEX H-FLEX H-FLEX H-FLEX H-FLEX H X H-FLEX H-FLEX H-FLEX H-FLEX H-FLEX Tel: +90216 377 41 01 - 11 Fax: +90216 377 41 03 www.heedgroup.net - info@heedgroup.net H-FLE X H-FLEX I-FLEX H-FLEX H-FLEX H-FLEX H-FLEX H

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