



**ISOFLEX**  
INSULATION PRODUCTS



## COMPANY INFORMATION



### ISOFLEX - A trusted name in the field of insulation technology.

Our company specializes in the manufacturing of tube insulation. The two core products we manufacture are tube clip insulation and tube shells. Both of these products are made from polyurethane foam, which is known for its heat resistant qualities.

Therefore our products are especially useful in the insulation of heating and cooling pipes.

### TUBE CLIP INSULATION PRODUCTS

Easy to install, is sized according to the diameter of the pipe, as it consists of a few fitting pieces which make up the tube clip insulation. Part of its advantage is that it is resistant to heat, water and humidity. They can be ordered with or without clamps.

### TUBE SHELL PRODUCTS

Our shell products are used to insulate piping used in (heating and cooling) systems. These products have a high carrying capacity and are designed to be resistant to water, humidity and heat transfers.



## TUBE SHELL PRODUCTS

According to the thickness of the pipe, the insulation clip consists of 2, 3 or more components of high carrying capacity which fit mechanically into one another to provide the perfect insulation to pipes of any size.

The fitted tube shell pieces come already laminated with aluminium foil, however they can be ordered without.

Our tube shell products have a great heat refractory quality, making it an ideal insulator for (heating and cooling) pipes.



### TECHNICAL DATA

PU foam carrier:	30-80 kg/m <sup>3</sup>	Fireproof:	B2 (according to DIN 4102)
Temperature range:	up to +110 °C	Width:	100 cm

### OPTIONS

PU foam carrier:	80/100/120/145 kg/m <sup>3</sup>
Laminated or without lamination.	

Nr.	Tube wall width mm	Tube circumference mm
1	20	as requested
2	30	as requested
3	40	as requested
4	50	as requested

## TUBE CLIP INSULATION PRODUCTS

According to the thickness of the pipe, the insulation clip consists of 2, 3 or more components of high carrying capacity which fit mechanically into one another to provide the perfect insulation to pipes of any size.

The surface of the tube clip lining is fully covered with synthetic rubber. The outside surface has a self adhesive PVC foil providing coverage to the various tube clip insulation segments along with the synthetic rubber shell. The tube clip insulation lining with the rubber and PVC foil combine to form a very strong water and humidity barrier.

The final tube clip insulation product has a great heat refractory quality, making it an ideal insulator for (heating and cooling) pipes.

Our tube clip insulation products are used mostly in the building and in the petrol chemical industries where a high quality and durable insulation is required.



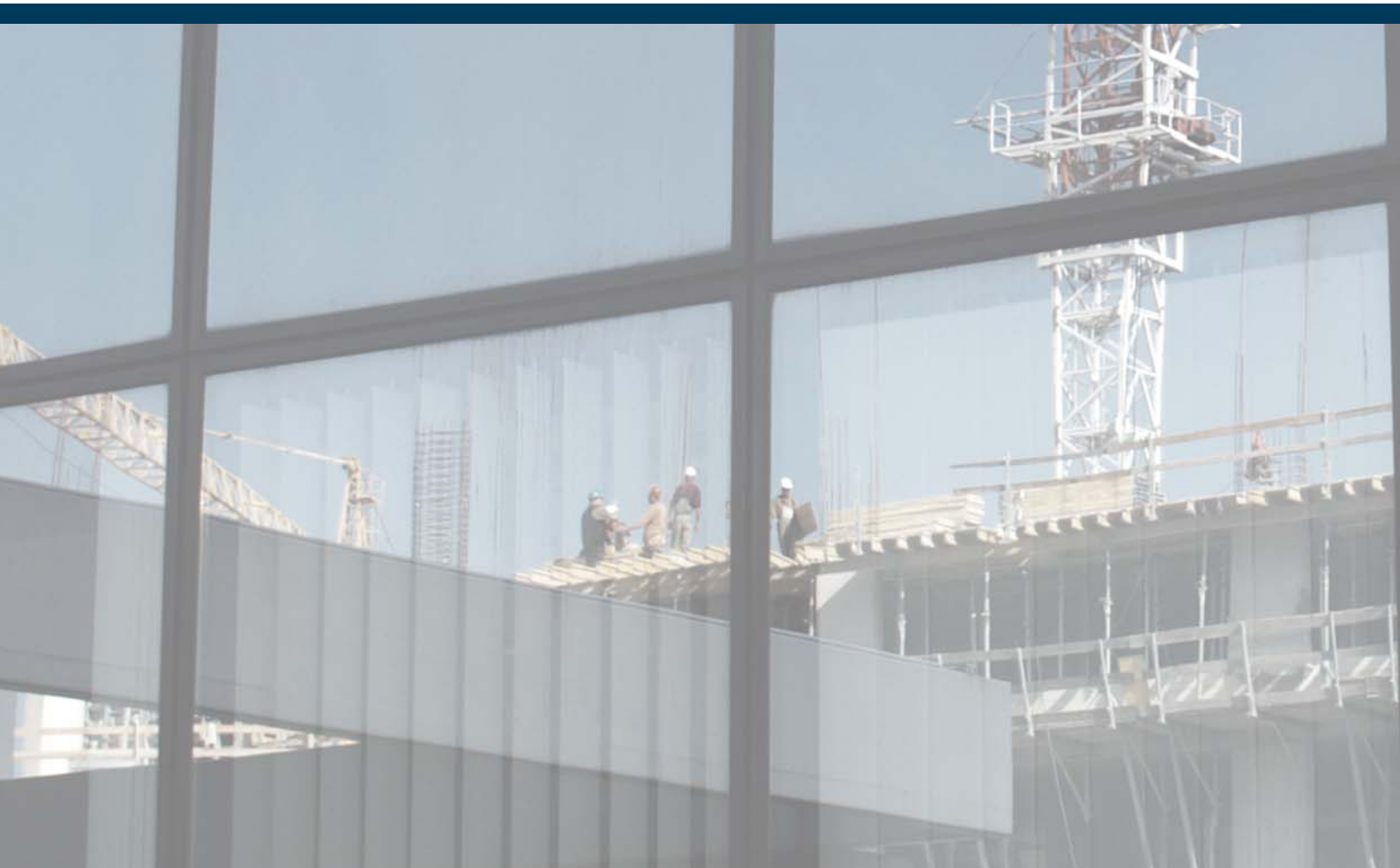
### TECHNICAL DATA

PU foam carrier:	145 kg/m <sup>3</sup>	Width:	inner ø < at 114 mm - 50mm
Temperature range:	between -45 and 105 °C		inner ø >= at 114 mm -100mm
Processing temperature:	above 10 °C	Colour:	black
Storage period:	12 months (above 10 °C)	Fireproof:	B2 (according to DIN 4102)
Humidity diffusion resistance:	$\mu > 7000$	Tolerance:	inner -0/+1; outer +/- 1 mm

### OPTIONS

PU foam carrier:	80/100/120/145 kg/m <sup>3</sup>	Width:	as requested
Can be ordered with clips or without.		Tube wall width:	as requested

Nr.	Steel tube ø mm	Copper tube ø mm	Tube wall width 13 mm	Tube wall width 19 mm
			Tube circumference mm	Tube circumference mm
1	10,2	10	10	10
2		12	12	12
3	13,5	15	15	15
4	17,2	18	18	18
5		19	19	19
6	21,3	22	22	22
7	25	25	25	25
8	26,9	28	28	28
9	30	30	30	30
10	33,7	35	35	35
11	42,4	42	42	42
12	44,5	44	44	44
13	48,3		48	48
14	54	54	54	54
15	57	57	57	57
16	60,3		60	60
17	63,5	64	64	64
18		67	67	67
19	70	70	70	70
20	76,1	76,1	76	76
21	88,9	88,9	89	89
22		92	92	92
23	101,6		102	102
24	108	108	108	108
25	114,3	114	114	114
26	133	133	133	133
27	139,7		139	140
28	160	159	160	160
29	165,1		165	165
30	168,3		168	168
31	216		216	216
32	219,1		219	219
33	267		267	267
34	273		273	273



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