Roof transition

GISOLP

Description

Used for example in connection with roof hoods type VHL, VHA and VHP, where there is demands on sound attenuation effect plus a wish for a harmonic transition between roof transition and hood.
Constructed around a perforated inner duct, outer duct with intermediate insulation and equipped with end cap at the bottom.

State the roof inclination at order. Max. 55°. 0° will as standard always be delivered with galvanized steel sheet.

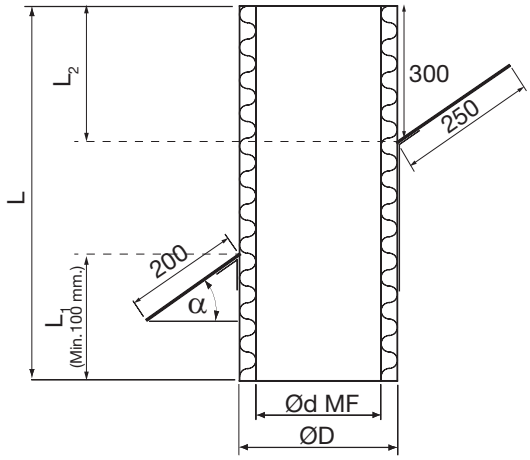
By default, the outer tube is smooth. Spiral folded pipe SR as an alternative.

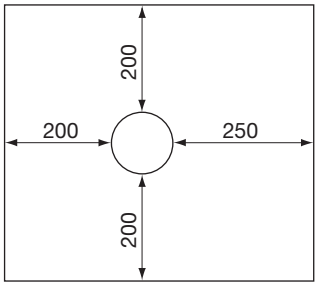
GISOLP is delivered with roofing sheets in galvanized sheet or Sabetoflex (stated when ordering).

GISOLP must be attached to the rafters, use e.g. bar fittings type SBG / SBG1.

Accessories: AGIS for covering the top of GISOLP (order separately, see data sheet for AGIS).

Dimensions





GISOLP	Ød [mm]	ØD [mm]	Fits with hood: VHL	VHP	VHA	m [kg]
100 224	100	224	X	X	X	9,20
125 250	125	250	X	X	X	11,8
160 280	160	280	X	X	X	13,3
200 315	200	315	X	X	X	16,7
250 400	250	400	X	X	X	18,0
315 450	315	450	X		X	24,9
315 500	315	500		X		25,1
355 500	355	500		X		25,5
400 560	400	560	X		X	29,4
400 630	400	630		X		33,1
450 630	450	630		X		33,6
500 630	500	630	X			33,7
500 710	500	710		X	X	39,8

Ordering example

GISOLP	250	400	25	300	100	GALV
Product						
	Dimension Ød Inner [mm]					
		Dimension Ød Outer [mm]				
			Angle (max. 55)			
				Length above roof L2 [mm]		
					Length under roof L1 [mm]	
						Roof plate material

Example: GISOLP-250-400-25-300-100-GALV

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Technical data

The attenuation values apply to an L-dimension of 1000 mm. (see drawing)

Ød nom	Attenuation [dB] for centre frequency [Hz]							
	63	125	250	500	1k	2k	4k	8k
100 224	4	6	10	18	33	56	33	23
125 250	3	5	8	15	30	45	24	17
160 280	3	4	7	13	26	35	17	3
200 315	5	6	12	21	41	22	13	11
250 400	4	5	10	18	37	15	10	8
315 450	3	3	6	12	21	10	6	6
315 500	4	4	8	16	27	9	7	7
355 500	3	4	7	15	19	7	6	6
400 560	3	4	7	14	17	6	5	6
400 630	3	4	7	14	17	6	5	6
450 630	3	3	6	13	14	5	4	5
500 630	3	3	5	12	12	5	4	5
500 710	3	3	5	12	12	5	4	5

Note:
GISOLP is factory-sealed tightly around the pipe.
Before mounting the bushing, the joint must be checked for any damage occurred during transport and handling.
After installation, the joint must also be checked for possible damage occurred during assembly.
Joints that are exposed to strong influences (e.g. wind) can become overloaded and in the worst case become leaky. Therefore, joints must be checked at intervals, e.g. each second year.
When mounting on cardboard roofs, refer to "Installation instructions for implementation in cardboard roof".