

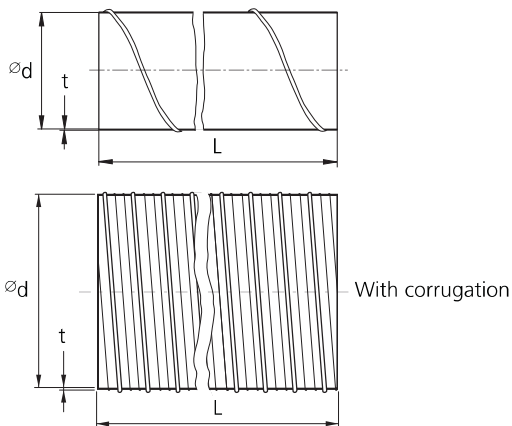
Description

All tubes produced on original tubeformers from SPIRO INTERNATIONAL S.A. are stamped with the registered trademark VINADUCT®system. The trademark and 'bubble' guarantee the high quality of the system.

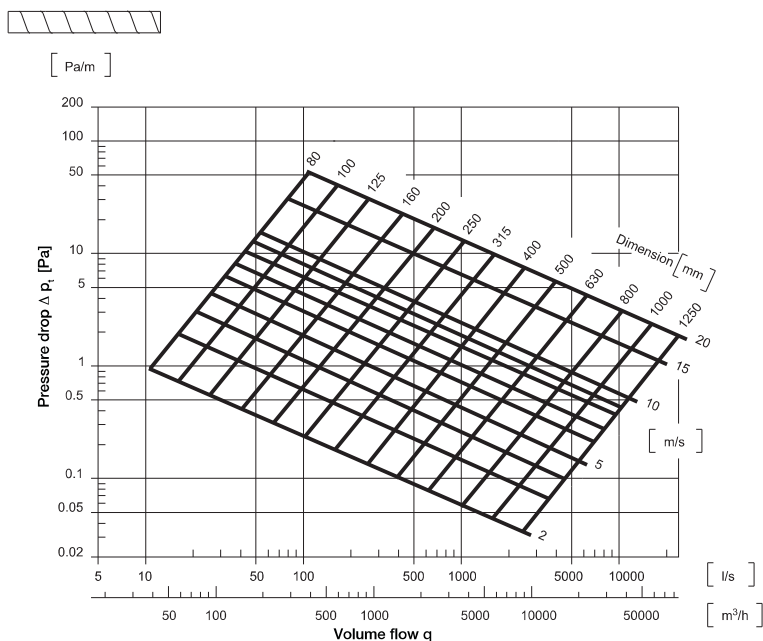
Dimensions

$\varnothing d$ nom mm	πd m	$\frac{\pi d^2}{4}$ m ²
80	0.251	0.005
100	0.314	0.008
125	0.393	0.012
140	0.440	0.015
150	0.471	0.018
160	0.502	0.020
180	0.565	0.025
200	0.628	0.031
224	0.703	0.039
250	0.785	0.049
280	0.879	0.062
300	0.942	0.071
315	0.989	0.078
355	1.115	0.099
400	1.256	0.126
450	1.413	0.159
500	1.570	0.196
560	1.758	0.246
600	1.884	0.283
630	1.978	0.312
710	2.229	0.396
800	2.512	0.503
900	2.826	0.636
1000	3.140	0.785
1120	3.517	0.985
1250	3.925	1.227

Dimensions



Technical data



Underpressure

In systems which have significant underpressure in relation to the atmosphere, there may be a risk that ventilation ducts collapse. Collapse starts at the weakest point in any duct, which is often a bump or similar point of damage caused during transport or handling. So it is important that ducts are completely intact if operating pressure approaches the critical level of pressure. The table below shows the maximum permitted underpressure for ducts (Pa).

L m	∅d	t = 0.5 mm		t = 0.6 mm		t = 0.7 mm		t = 0.9 mm		t = 1.25 mm	
			Corrugated		Corrugated		Corrugated		Corrugated		Corrugated
6	80	27000		46700							
	100	21000		36300		38000		42000			
	125	15000		25900		31000		35000			
	160	8300		18000		23000		27000			
	200	5000		14500		17500		20000	23500		
	250	2300	5000	7000	16000	10000	21000	15300	23000	17000	26000
	315			2000	10500	6000	14000	10200	21000	14000	24000
	400				4500		9000		12100		16000
	500				3000		5500		7200		10000
3	630						3900		6000		8500
	800						1500		2600		5600
	1000								1000		2200
	1250								800		1200