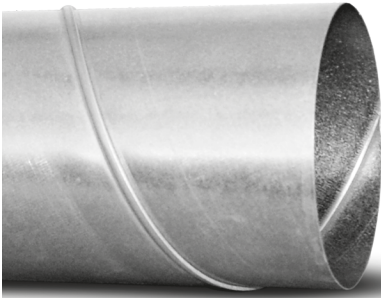
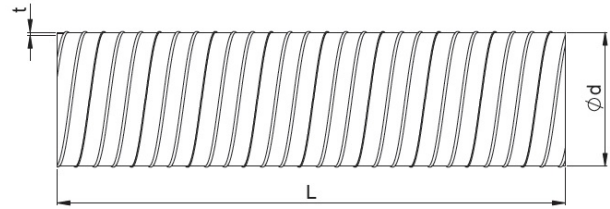


Spiral smoke extraction duct

SPR-Z-SMO



Dimensions



Shape of duct depending on diameter:
100 - 224mm



250 - 1000mm



Description

SPR-Z-SMO SMOKE system spiral circular duct, fire resistance class: E₆₀₀ 120 (h_o) S1500 single, designed for single-compartment smoke extraction systems and combined (dual-function) systems. Made of galvanized steel sheet DX51D+Z275 according to PN-EN10346:2011, thickness 0.7mm for diameters from 100-710mm, 0.9mm for diameters from 800-1000mm. The maximum length of a straight duct is 6000mm. Spiral ducts meet the requirements of airtightness class D in accordance with PN-EN 12237.

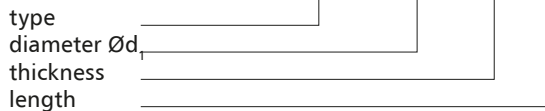
In the whole range of diameters they are made as spiral lockseamed ducts made of 137mm wide sheet metal sheet, additionally, from the diameter of 250 to 1000mm, they are corrugated;

SPR-Z-SMO ducts are produced in standard lengths L=3m and L=6m.

Order example: SPR-Z-SMO-200-070-0300

Product code example:

Product code: SPR-Z-SMO - aaa - bbb - ccc



Ød _{nom} [mm]	Thickness t [mm]	Length L [m]	πd [m]	$\frac{\pi d^2}{4}$ [m ²]
100	0.7	6	0.314	0.008
112	0.7	6	0.352	0.010
125	0.7	6	0.393	0.012
140	0.7	6	0.440	0.015
150	0.7	6	0.471	0.018
160	0.7	6	0.502	0.020
180	0.7	6	0.565	0.025
200	0.7	6	0.628	0.031
224	0.7	6	0.703	0.039
250	0.7	6	0.785	0.049
280	0.7	6	0.879	0.062
300	0.7	6	0.942	0.071
315	0.7	6	0.989	0.078
355	0.7	6	1.115	0.099
400	0.7	6	1.256	0.126
450	0.7	6	1.413	0.159
500	0.7	6	1.570	0.196
560	0.7	6	1.758	0.246
600	0.7	6	1.884	0.283
630	0.7	6	1.978	0.312
710	0.7	6	2.229	0.396
800	0.9	3	2.512	0.503
900	0.9	3	2.826	0.636
1000	0.9	3	3.140	0.785

Spiral smoke extraction duct **SPR-Z-SMO**

Technical specification

