

AULAN

FILTERSPEZIALIST

OUR SPIRAL WELDED TUBES

Acid- and alkali-resisting, heat resistant, anti-corrosion
with uniform welds and compression strength, high roundness
and good straight degree

used as filter tubes or support body

widely used in oil drilling and oil sand control
in chemical and water treatment
in power plants filtration and hydraulic filtration, etc.

SPECIFICATIONS

Material	stainless steel
	carbon steel
	iron, etc.
Thickness	0.6mm – 3,5mm
Tube Diameter	17mm – 230mm
Length	unlimited
Perforation Pattern	round
	square
	bridge slot
End types	rough
	flange
	framed
	threaded
Surface Treatment	galvanization
	tinning
	pickling
	electropolishing (up to food grade)

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spiral welded, round hole



spiral welded, square hole



spiral welded for string wound filter cartridge

DATASHEET

Tube Diameters		Thickness (Gauge)	24	22	20	19	18	16	14	13	12	11
		(inch)	0.024	0.03	0.036	0.042	0.048	0.06	0.075	0.09	0.105	0.12
inch	mm		0.61	0.76	0.91	1.06	1.21	1.52	1.90	2.28	2.66	3.04
11/16 - 1-1/8	17.5 - 28.5											
1-1/16 - 1-1/4	27.0 - 31.7											
1-5/16 - 1-3/4	33.3 - 44.5											
1-13/16 - 2-1/4	46.0 - 57.2						For	Spiral	Welded	Tubes		
2-5/16 - 2-5/8	58.7 - 66.7											
2-11/16 - 2-7/8	68.3 - 73.0											
2-15/16 - 3-1/2	74.6 - 88.9											
3-9/16 - 4-1/2	90.5 - 114.3											
4-9/16 - 5-1/2	115.9 - 139.7											
5-9/16 - 8-1/2	141.3 - 215.9											

* The red area shows the availability for the spiral welded tubes.

* The thickness of Support tubes for string wound filter cartridge can down to 4mm.

Item	Unit	Diameter Range of Tubes				
	Inch	<1.5	≥1.5~<2.5	≥2.5~<4.0	≥4.0~<6.0	≥6.0
Diameter Tolerance	mm	<38.1	≥38.1~<63.5	≥63.5~<101.6	≥101.6~<152.4	≥152.4
	Inch	±0.010	±0.010	±0.014	±0.016	±0.020
Roundness	mm	±0.25	±0.25	±0.35	±0.40	±0.51
	Inch	0.008	0.008	0.012	0.016	0.02
Wall Thickness	mm	0.2	0.2	0.3	0.4	0.51
	Inch	±0.0008	±0.0008	±0.0008	±0.02	±0.02
Straightness of the tubes	mm	±0.02	±0.02	±0.02	±0.051	±0.051
	Inch/foot	0.012	0.012	0.015	0.018	0.018
Welded Seam	mm/meter	1	1	1.25	1.5	1.5
	Inch	0.008	0.008	0.012	0.012	0.012
Length Tolerance	mm	0.2	0.2	0.3	0.3	0.3
	Inch	0.02	0.02	0.02	0.03	0.04
End Parallel	mm	0.51	0.51	0.51	0.76	1
	Inch	0.008	0.01	0.014	0.02	0.032
	mm	0.2	0.25	0.35	0.51	0.81

*The table shows the tolerance of the spiral welded tubes.

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