

# AULAN

FILTERSPEZIALIST

## OUR STRAIGHT WELDED TUBES

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

Compared with the same length of spiral welded tubes, its weld length can be reduced by 30 ~ 100%. It has more open area and can be produced faster.

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

## SPECIFICATIONS

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

## CONTACT KONTAKT

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seam welded, round hole



seam welded, square hole



spot welded, round holes

# 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	Straight	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 straight welded tubes.

Item	Unit	Diameter Range of Tubes				
	Inch	<1.5	≥1.5~<2.5	≥2.5~<4.0	≥4.0~<6.0	≥6.0
	mm	<38.1	≥38.1~<63.5	≥63.5~<101.6	≥101.6~<152.4	≥152.4
Diameter Tolerance	Inch	±0.010	±0.010	±0.014	±0.016	±0.020
	mm	±0.25	±0.25	±0.35	±0.40	±0.51
Roundness	Inch	0.008	0.008	0.012	0.016	0.02
	mm	0.2	0.2	0.3	0.4	0.51
Wall Thickness	Inch	±0.0008	±0.0008	±0.0008	±0.02	±0.02
	mm	±0.02	±0.02	±0.02	±0.051	±0.051
Straightness of the tubes	Inch/foot	0.012	0.012	0.015	0.018	0.018
	mm/meter	1	1	1.25	1,5	1,5
Welded Seam	Inch	0.008	0.008	0.012	0.012	0.012
	mm	0.2	0.2	0.3	0.3	0.3
Length Tolerance	Inch	0.02	0.02	0.02	0.03	0.04
	mm	0.51	0.51	0.51	0.76	1
End Parallel	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 straight welded tubes.

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