



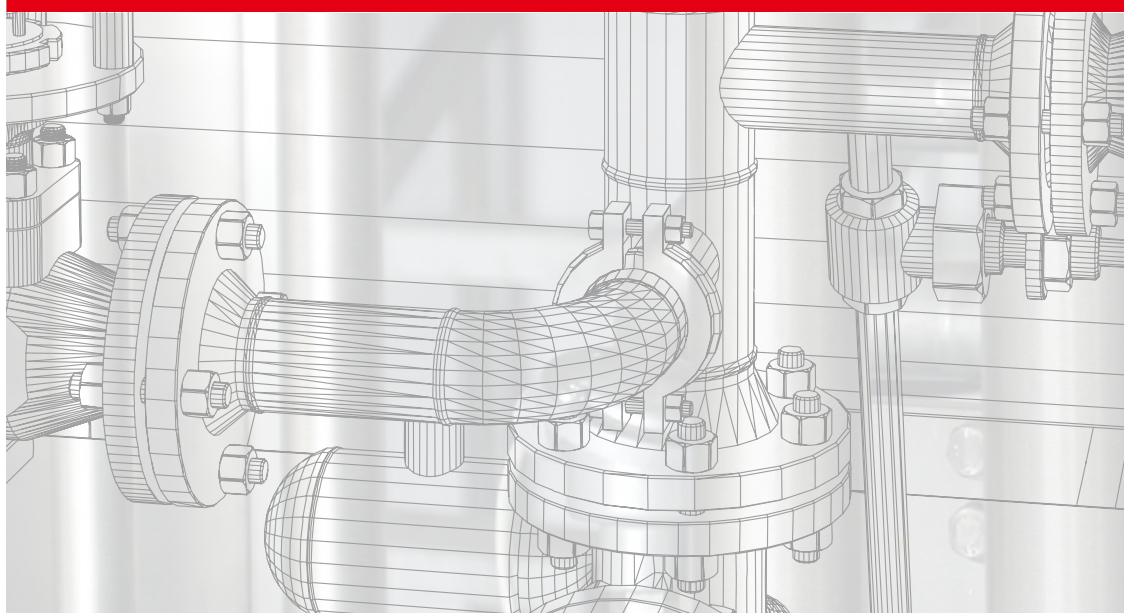
SS
Stainless Steel

Industrial Pipes

SPINDO STAINLESS STEEL  テツラ



PT Steel Pipe Industry of Indonesia, Tbk.

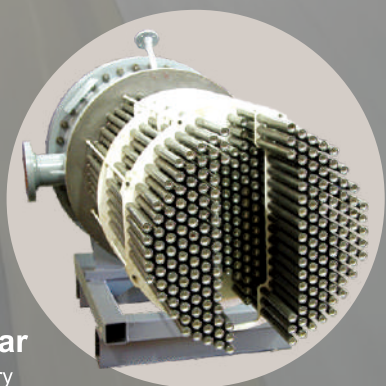




Stainless Steel Industrial Pipes are mainly manufactured for following industries :
Heat Exchangers, Instrumentation Pipes, General Engineering and Sugar Industry.
Our stainless steel industrial pipes is produced at our ISO-9001-certified mill.

Industrial Standards

JIS G 3459 | ASTM A 312 | SNI 07-2658

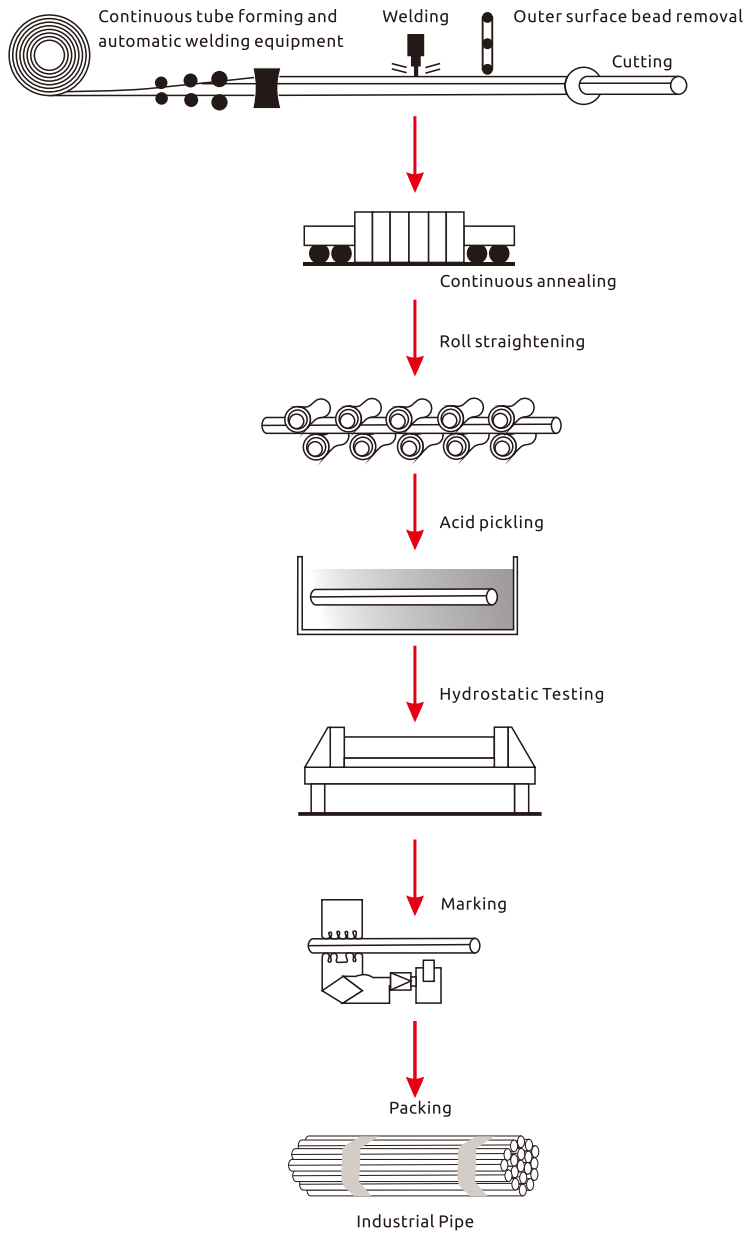


Sugar
Industry



Pharmacy
Chemical Line Pipes

Stainless Steel **PROCESS LINE**



Annealing Process



Stainless Steel Pipes for **Sugar Industry**

Stainless steel pipes are usually used in sugar factory for heating, evaporating and crystallizing. These type resists to corrosive, high-pressure & high-temperature applications.

Stainless steel pipes also has a smooth inside surface, a very low surface roughness favours a higher flow of the juices, so these pipes are very suitable for sugar factory characteristic.

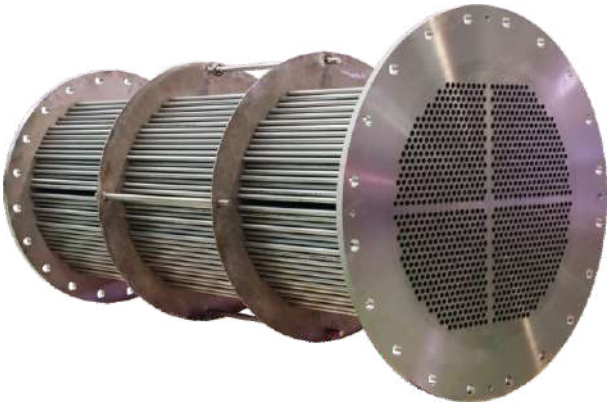
Pipa stainless steel biasanya digunakan di pabrik gula untuk pemanasan, penguapan dan kristalisasi. Jenis ini tahan terhadap korosi, tekanan tinggi dan aplikasi suhu tinggi.

Stainless steel juga memiliki dalam permukaan halus, kekasaran permukaan yang sangat rendah mendukung aliran yang lebih tinggi dari jus, sehingga pipa ini sangat cocok untuk karakteristik pabrik gula.

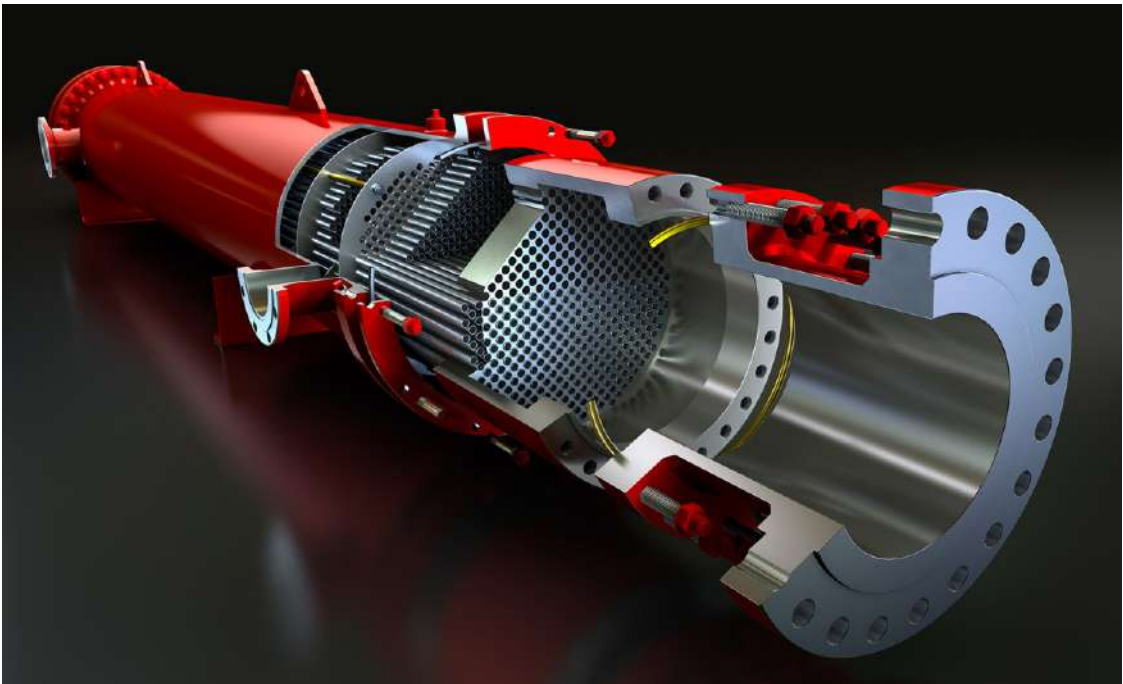
RANGE OF SIZE

Stainless Steel Pipes for **Sugar Industry**

OUTSIDE DIAMETER (OD)	27.2 mm
	35.0 mm
	36.0 mm
	38.0 mm
	42.7 mm
	44.5 mm
	50.0 mm
	50.8 mm
	76.2 mm
	76.3 mm
	89.1 mm
	100.3 mm
	101.0 mm
	101.4 mm
	101.6 mm



*The Length for pipes
can be made according
to the customer's demand



Stainless Steel Pipes for General Industry

Stainless steel pipes have superior corrosion resistance, heat resistance, and low-temperature properties, and have been used as raw materials that can withstand harsh environments such as chemical industries (sugar industries).

Our stainless steel pipes have been manufactured based on excellent technology and stringent quality control.

Pipa stainless steel memiliki ketahanan superior terhadap korosi, tahan panas, dan memiliki sifat suhu rendah, serta telah digunakan sebagai bahan baku yang dapat menahan lingkungan yang keras seperti industri kimia (industri gula).

Pipa stainless steel kami telah diproduksi berdasarkan teknologi yang sangat baik dan kontrol kualitas yang ketat.

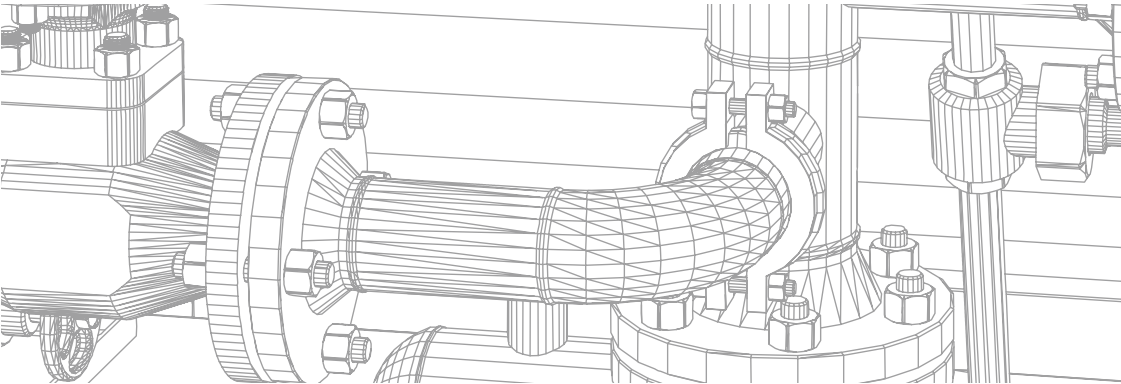
Stainless Steel Pipes for General Industry

ASTM A 312 | JIS G3459 | SNI 07 - 2658

NOMINAL DIAMETER	OUTSIDE DIAMETER		SCH10				SCH20		SCH40			
	ASTM	JIS SNI	ASTM		JIS SNI		JIS SNI		ASTM		JIS SNI	
	Inch	mm	mm	WALL THICKNESS (mm)	WEIGHT (kg/pc)	WALL THICKNESS (mm)	WEIGHT (kg/pc)	WALL THICKNESS (mm)	WEIGHT (kg/pc)	WALL THICKNESS (mm)	WEIGHT (kg/pc)	WALL THICKNESS (mm)
¼	-	13.80	-	-	1.65	3.00	2.00	3.54	-	-	2.20	3.84
⅜	17.15	17.30	1.65	3.82	1.65	3.86	2.00	4.57	2.31	5.12	2.30	5.15
½	21.34	21.70	2.11	6.06	2.10	6.15	2.50	7.17	2.77	7.69	2.80	7.91
¾	26.67	27.20	2.11	7.75	2.10	7.88	2.50	9.23	2.87	10.21	2.90	10.53
1	33.40	34.00	2.77	12.68	2.80	13.06	3.00	13.90	3.38	15.17	3.40	15.55
1 ¼	42.16	42.70	2.77	16.31	2.80	16.70	3.00	17.80	3.56	20.54	3.60	21.04
1 ½	48.26	48.60	2.77	18.83	2.80	19.16	3.00	20.45	3.68	24.52	3.70	24.83
2	60.33	60.50	2.77	23.83	2.80	24.14	3.50	29.82	3.91	33.00	3.90	33.00
2 ½	73.03	76.30	3.05	31.90	3.00	32.87	3.50	38.10	-	-	-	-
3	88.90	89.10	3.05	39.13	3.00	38.60	4.00	50.87	-	-	-	-
3 ½	101.60	101.60	3.05	44.92	3.00	44.21	4.00	58.35	-	-	-	-
4	114.30	114.30	3.05	50.71	3.00	49.90	4.00	66.00	-	-	-	-

CHEMICAL COMPOSITION

SYMBOL	CHEMICAL COMPOSITION (%)										
	C	Si	Mn	P	S	Ni	Cr	Mo	Cu	N	OTHER
TP 304	≤0.08	1.00	2.00	≤0.040	≤0.030	8.00~11.00	18.00~20.00	-	-	-	-
SUS 304	≤0.08	≤1.00	2.00	0.045	≤0.030	8.00~11.00	18.00~20.00	-	-	-	-
J4	0.100 max	0.75 max	8.50 10.00	0.080 max	0.010 max	1.00 2.00	15.00 16.00	-	1.50 2.00	0.20 max	-







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