

GEORDI STAINLESS TECHNICAL PAGE

Price List Nomination	Imperial Size (in)
3mm	1/8
6mm	1/4
9mm	3/8
12mm	1/2
18mm	3/4
25mm	1
31mm	1 1/4
38mm	1 1/2
50mm	2
63mm	2 1/2
76mm	3
100mm	4
125mm	5
150mm	6
200mm	8
250mm	10
300mm	12
350mm	14
400mm	16
450mm	18
500mm	20
550mm	22
600mm	24

Sheet & Tube Gauge Conversion	
Gauge (#)	Thickness (mm)
24	0.55
22	0.7
20	0.9
18	1.2
16	1.6
14	2
12	2.5
10	3

Pressure Conversion	
Base Unit	Conversion
1 Psi	6.895 KPa
1 Bar	100 KPa
1 Bar	14.5 Psi
1 MPa	10 Bar
1 MPa	145 Psi
1 KPa	0.145 Psi

Material Temperature capability guide			
Elastomer	Continuous op Temp °C	Rigid	Continuous op Temp °C
EPDM	150	Polycarbonate	130
Teflon	250	Armour Plt Glass	250
Viton	225	Pyrex Glass	350
Silicone	250	HDPE	60
Buna/Nitrile	125	Nylon	80
Insertion	70	Ertalyte TX	110
Hypalon	125		

Stainless Steel Pipe Dimensions							
(Nominal) Size (in)	(Actual) OD (mm)	Sch 10 WT (mm)	Sch 10 ID (mm)	Sch 40 WT (mm)	Sch 40 ID (mm)	Sch 80 WT (mm)	Sch 80 ID (mm)
1/8	10.3	1.24	7.82	1.73	6.84	2.41	5.48
1/4	13.7	1.65	10.4	2.24	9.22	3.02	7.66
3/8	17.1	1.65	13.8	2.31	12.5	3.2	10.7
1/2	21.3	2.11	17.1	2.77	15.8	3.73	13.8
3/4	26.7	2.11	22.5	2.87	21	3.91	18.9
1"	33.4	2.77	27.9	3.38	26.6	4.55	24.3
1 1/4	42.2	2.77	36.7	3.56	35.1	4.85	32.5
1 1/2	48.3	2.77	42.8	3.68	40.9	5.08	38.1
2	60.3	2.77	54.8	3.91	52.5	5.54	49.2
2 1/2	73	3.05	66.9	5.16	62.7	7.01	59
3	88.9	3.05	82.8	5.49	77.9	7.62	73.7
3 1/2	101.6	3.05	95.5	5.74	90.1	8.08	85.4
4	114.3	3.05	108.2	6.02	102.3	8.56	97.2
5	141.3	3.4	134.5	6.55	128.2	9.53	122.2
6	168.3	3.4	161.5	7.11	154.1	11	146.3
8	219.1	3.76	211.6	8.18	202.7	12.7	193.7
10	273.1	4.19	264.7	9.27	254.6	12.7	247.7
12	323.9	4.57	314.8	9.52	304.9	12.7	298.5

304 Perforated Mesh Sizes			
Hole Diam (mm)	Pitch (mm)	Thickness (mm)	Open Area (%)
0.5	1	0.3	23
0.8	1.5	0.5	25
1	2	0.75	23
1.6	2.54	1	36
2	3.5	1	30
3	4	1	50
4	6	1	40
5	7	1	45
6	8.5	1	45
8	11	1	47
10	13	1	53
12	17	1.5	45
15	20	1	50

Woven Wire Mesh Info
 See www.geordi.com.au/Technical.htm
 for available sizes and specs