

# TUBE & PIPING

## SEAMLESS STAINLESS STEEL PIPE

Fully softened & descaled, lengths available: 5m-7m in randoms or fixed. Tolerances & testing to ASTM A312/ASME SA312. Conforming to NACE. Standard MR-01-75 (latest Revision) Certificate to EN 10 204-3.1. Other sizes available on request.

● MILL STOCK ● U.K. STOCK

Nominal Pipe Size	Finish	304/L	321	316/L
<b>SCHEDULE 5S</b>				
1/2"	Cold	●	●	●
3/4"	Cold	●	●	●
1"	Cold	●	●	●
1.1/2"	Cold	●	●	●
2"	Cold	●	●	●
3"	Cold	●	●	●
<b>SCHEDULE 10S</b>				
1/8"	Cold	●	●	●
1/4"	Cold	●	●	●
3/8"	Cold	●	●	●
1/2"	Cold	●	●	●
3/4"	Cold	●	●	●
1"	Cold	●	●	●
1.1/4"	Cold	●	●	●
1.1/2"	Cold	●	●	●
2"	Cold	●	●	●
2.1/2"	Cold	●	●	●
3"	Hot	●	●	●
3.1/2"	Cold	●	●	●
4"	Hot	●	●	●
5"	Cold	●	●	●
6"	Hot	●	●	●
8"	Cold	●	●	●
10"	Cold	●	●	●
<b>SCHEDULE 40S</b>				
1/8"	Cold	●	●	●
1/4"	Cold	●	●	●
3/8"	Cold	●	●	●
1/2"	Cold	●	●	●
3/4"	Cold	●	●	●
1"	Cold	●	●	●
1.1/4"	Cold	●	●	●
1.1/2"	Cold	●	●	●
2"	Hot	●	●	●
2.1/2"	Hot	●	●	●
3"	Hot	●	●	●
3.1/2"	Hot	●	●	●
4"	Hot	●	●	●
5"	Hot	●	●	●
6"	Hot	●	●	●
8"	Hot	●	●	●
10"	Hot	●	●	●
12"	Hot	●	●	●

Nominal Pipe Size	Finish	304/L	321	316/L
<b>SCHEDULE 80S</b>				
1/8"	Cold	●	●	●
1/4"	Cold	●	●	●
3/8"	Cold	●	●	●
1/2"	Cold	●	●	●
3/4"	Cold	●	●	●
1"	Cold	●	●	●
1.1/4"	Cold	●	●	●
1.1/2"	Cold	●	●	●
2"	Hot	●	●	●
2.1/2"	Hot	●	●	●
3"	Hot	●	●	●
3.1/2"	Hot	●	●	●
4"	Hot	●	●	●
5"	Hot	●	●	●
6"	Hot	●	●	●
8" *	Hot	●	●	●
10"	Hot	●	●	●
12"	Hot	●	●	●
* Up to 5.0 metres maximum length				
<b>SCHEDULE 120</b>				
4"	Hot	●	●	●
6" *	Hot	●	●	●
* Up to 5.7 metres maximum length				
<b>SCHEDULE 160</b>				
1/2"	Cold	●	●	●
3/4"	Cold	●	●	●
1"	Cold	●	●	●
1.1/4"	Hot	●	●	●
1.1/2"	Hot	●	●	●
2"	Hot	●	●	●
2.1/2"	Hot	●	●	●
3"	Hot	●	●	●
4"	Hot	●	●	●
6" *	Hot	●	●	●
8" **	Hot	●	●	●
10"	Hot	●	●	●
12"	Hot	●	●	●
* Up to 4.5 metres maximum length				
** Up to 2.6 metres maximum length				
<b>SCHEDULE XXS</b>				
1/2"	Cold	●	●	●
3/4"	Cold	●	●	●
1"	Cold	●	●	●
1.1/2"	Hot	●	●	●
2"	Hot	●	●	●
3"	Hot	●	●	●
4"	Hot	●	●	●
6" *	Hot	●	●	●
* Up to 4.4 metres maximum length				



# TUBE & PIPING

## ASTM Standards and Tolerances (Latest Edition)

Standard Specification for Seamless, Welded, and Heavily Cold Worked Austenitic Stainless Steel Pipes  
Designation: A312/A312M – Latest Edition  
Tolerances: A999/A999M

TABLE 1 Permissible Variations in Outside Diameter

NPS Designator	Permissible Variations in Outside Diameter		DN Designator	Permissible Variations in Outside Diameter	
	Over in.	Under in.		Over [mm]	Under[mm]
1/8 to 1 ½, incl	1/64 (0.015)	1/32 (0.031)	[6-40], incl	[0.4]	[0.8]
Over 1 ½ to 4, incl	1/32 (0.031)	1/32 (0.031)	Over [40 to 100]	[0.8]	[0.8]
Over 4 to 8, incl	1/16 (0.062)	1/32 (0.031)	Over [100 to 200]	[1.6]	[0.8]
Over 8 to 18, incl	3/32 (0.093)	1/32 (0.031)	Over [200 to 450]	[2.4]	[0.8]
Over 18 to 26, incl	1/8 (0.125)	1/32 (0.031)	Over [450 to 650]	[3.2]	[0.8]
Over 26 to 34, incl	5/32 (0.156)	1/32 (0.031)	Over [650 to 850]	[4.0]	[0.8]
Over 34 to 48 incl	3/16 (0.187)	1/32 (0.031)	Over [850 to 1200]	[4.8]	[0.8]

Minimum Wall thickness at any point shall not be more than 12.5% under the nominal wall thickness specified.

Standard Specification for Seamless and Welded Ferritic/Austenitic Stainless Steel Pipe  
Designation: A790/A790M – Latest Edition  
Tolerances: A999/A999M

TABLE 1 Permissible Variations in Outside Diameter

NPS Designator	Permissible Variations in Outside Diameter		DN Designator	Permissible Variations in Outside Diameter	
	Over in.	Under in.		Over [mm]	Under[mm]
1/8 to 1 ½, incl	1/64 (0.015)	1/32 (0.031)	[6-40], incl	[0.4]	[0.8]
Over 1 ½ to 4, incl	1/32 (0.031)	1/32 (0.031)	Over [40 to 100]	[0.8]	[0.8]
Over 4 to 8, incl	1/16 (0.062)	1/32 (0.031)	Over [100 to 200]	[1.6]	[0.8]
Over 8 to 18, incl	3/32 (0.093)	1/32 (0.031)	Over [200 to 450]	[2.4]	[0.8]
Over 18 to 26, incl	1/8 (0.125)	1/32 (0.031)	Over [450 to 650]	[3.2]	[0.8]
Over 26 to 34, incl	5/32 (0.156)	1/32 (0.031)	Over [650 to 850]	[4.0]	[0.8]
Over 34 to 48 incl	3/16 (0.187)	1/32 (0.031)	Over [850 to 1200]	[4.8]	[0.8]

Minimum Wall thickness at any point shall not be more than 12.5% under the nominal wall thickness specified.

Our UK facility is accredited with ISO certifications 9001, 14001, 18001 and AS9120, so you can be rest assured that the services provided are of the highest quality.

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