

# SS304RCP & SS316RCP SERIES 304 & 316 STAINLESS STEEL READY CUT PIPE - SCHEDULE 40

## SPECIFICATION:

- Dimensions conform to ASTM A733
- Materials conform to ASTM A312 - Welded Pipe
- Threads conform to ANSI/ASME B1.20.1
- Ambient working temperature rating: -20 to 100°F (-29 to 38°C)



MATERIAL LIST		
Name	Percent of Composition	
	304 Stainless Steel	316 Stainless Steel
Iron (FE)	64.0 - 72.0	61.845 - 72.0
Carbon (C)	0.08 max	0.08 max
Silicone (Si)	2.00 max	1.00 max
Manganese (Mn)	1.50 max	2.00 max
Phosphorus (P)	0.045 max	0.045 max
Sulfur (S)	0.03 max	0.03 max
Chromium (Cr)	18.0 - 21.0	16.0 - 18.0
Nickel (Ni)	8.0 - 11.0	10.0 - 14.0
Molybdenum (Mo)	N/A	2.0 - 3.0



DIMENSIONS								
Part No.	Part No.	Nominal Pipe Size	Burst Internal Pressure*	Outside Dia.		Wall Thickness		Weight per inch
			PSI	inches	mm	inches	mm	grams
SS304RCP-05xxx	SS316RCP-05xxx	1/2"	4866	0.840	21.34	0.109	2.77	32.17
SS304RCP-07xxx	SS316RCP-07xxx	3/4"	4035	1.050	26.67	0.113	2.87	42.75
SS304RCP-10xxx	SS316RCP-10xxx	1"	3793	1.315	33.40	0.133	3.38	63.50
SS304RCP-12xxx	SS316RCP-12xxx	1-1/4"	3163	1.660	42.16	0.140	3.56	85.92
SS304RCP-15xxx	SS316RCP-15xxx	1-1/2"	2862	1.900	48.26	0.145	3.68	102.75
SS304RCP-20xxx	SS316RCP-20xxx	2"	2432	2.375	60.33	0.154	3.91	138.08
SS304RCP-25xxx	SS316RCP-25xxx	2-1/2"	2647	2.875	73.03	0.203	5.16	219.00

FOR HIGHER TEMPERATURES MULTIPLY PRESSURE BY:			
	300°F (149°C)	500°F (260°C)	1000°F (538°C)
304 S.S.	0.828	0.774	0.665
316 S.S.	0.900	0.853	0.746

\* Bursting Internal Pressure are theoretical ratings based on ambient working temperature



25 Whaley Avenue, PO Box 310, Milverton, ON CANADA N0K 1M0  
Tel: 800-561-3164

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Pipe Size	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
<b>Length</b>						
<b>18"</b>	SS304RCP-05180	SS304RCP-07180	SS304RCP-10180	SS304RCP-12180	SS304RCP-15180	SS304RCP-20180
<b>24"</b>	SS304RCP-05240	SS304RCP-07240	SS304RCP-10240	SS304RCP-12240	SS304RCP-15240	SS304RCP-20240
<b>30"</b>	SS304RCP-05300	SS304RCP-07300	SS304RCP-10300	SS304RCP-12300	SS304RCP-15300	SS304RCP-20300
<b>36"</b>	SS304RCP-05360	SS304RCP-07360	SS304RCP-10360	SS304RCP-12360	SS304RCP-15360	SS304RCP-20360
<b>48"</b>	SS304RCP-05480	SS304RCP-07480	SS304RCP-10480	SS304RCP-12480	SS304RCP-15480	SS304RCP-20480
<b>60"</b>	SS304RCP-05600	SS304RCP-07600	SS304RCP-10600	SS304RCP-12600	SS304RCP-15600	SS304RCP-20600
<b>72"</b>	SS304RCP-05720	SS304RCP-07720	SS304RCP-10720	SS304RCP-12720	SS304RCP-15720	SS304RCP-20720
<b>84"</b>	SS304RCP-05840	SS304RCP-07840	SS304RCP-10840	SS304RCP-12840	SS304RCP-15840	SS304RCP-20840
<b>96"</b>	SS304RCP-05960	SS304RCP-07960	SS304RCP-10960	SS304RCP-12960	SS304RCP-15960	SS304RCP-20960
<b>108"</b>	SS304RCP-051080	SS304RCP-071080	SS304RCP-101080	SS304RCP-121080	SS304RCP-151080	SS304RCP-201080
<b>120"</b>	SS304RCP-051200	SS304RCP-071200	SS304RCP-101200	SS304RCP-121200	SS304RCP-151200	SS304RCP-201200

<b>18"</b>	SS316RCP-05180	SS316RCP-07180	SS316RCP-10180	SS316RCP-12180	SS316RCP-15180	SS316RCP-20180
<b>24"</b>	SS316RCP-05240	SS316RCP-07240	SS316RCP-10240	SS316RCP-12240	SS316RCP-15240	SS316RCP-20240
<b>30"</b>	SS316RCP-05300	SS316RCP-07300	SS316RCP-10300	SS316RCP-12300	SS316RCP-15300	SS316RCP-20300
<b>36"</b>	SS316RCP-05360	SS316RCP-07360	SS316RCP-10360	SS316RCP-12360	SS316RCP-15360	SS316RCP-20360
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<b>108"</b>	SS316RCP-051080	SS316RCP-071080	SS316RCP-101080	SS316RCP-121080	SS316RCP-151080	SS316RCP-201080
<b>120"</b>	SS316RCP-051200	SS316RCP-071200	SS316RCP-101200	SS316RCP-121200	SS316RCP-151200	SS316RCP-201200



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