



Nova Tube Inc.
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Canada, H4E 1B3

Maximum working pressure for ASTM A53 Gr B ERW		
NPS	Sch 40	Sch 80
1/2	3100 psi	4325 psi
3/4	2525 psi	3550 psi
1	2350 psi	3250 psi
1 1/4	1925 psi	2700 psi
1 1/2	1750 psi	2450 psi
2	1475 psi	2125 psi
2 1/2	1600 psi	2225 psi
3	1400 psi	1975 psi
3 1/2	1275 psi	1825 psi
4	1175 psi	1700 psi
5	1025 psi	-
6	950 psi	-

- The working pressures listed above are based on based on the ASME Power Piping code B31.1 2016 section 104.1.2
 - Stated pressure does not account for abnormal or unusual conditions or neglect.
 - Stated pressure does not account for coupling design or limitations.
 - Stated pressure does not account for the thinning of the pipe wall due to corrosion or other factors.
 - Temperature rating shall be between -20 to 400 degrees Fahrenheit.
 - ERW Pipe may not be suitable for some applications, consult a design engineer prior for specific applications.

- **These pressures are theoretical and calculated using the minimum thickness allowed by the grade. Actual working pressures may vary based on design limitations or local building codes. Always refer to your local building codes when calculating working pressures.**

All of the information contained within was accurate at the time of writing. Nova Tube Inc reserves the right to change the information within this notice without incurring any obligations.

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