



The Phoenix Forge Group
PHOENIX * CAPITOL * CAMCO * CAPPRODUCTS



MAXIMUM ALLOWABLE WORKING PRESSURE (PSI) AT DESIGN TEMPERATURE (F)
API J55 Tubing Nipples NUE Round Threads and EUE Center Turned

FOR REFERENCE ONLY

Nominal Pipe Size	Wall Thickness	Weight Class	Schedule No.	Temperature								
				-20 to 100	200	300	400	500	600	700	800	850
3/4	0.113	STD	40	6215	6215	6215	6215	5873	5376	5221	3356	2704
	0.154	XS	80	8470	8470	8470	8470	8004	7327	7115	4574	3684
1	0.133	STD	40	5841	5841	5841	5841	5520	5052	4906	3154	2541
	0.179	XS	80	7861	7861	7861	7861	7429	6800	6603	4245	3420
1-1/4	0.140	STD	40	4870	4870	4870	4870	4603	4213	4091	2630	2119
	0.191	XS	80	6645	6645	6645	6645	6279	5748	5582	3588	2890
1-1/2	0.145	STD	40	4407	4407	4407	4407	4165	3812	3702	2380	1917
	0.200	XS	80	6079	6079	6079	6079	5745	5258	5106	3283	2644
2	0.190	STD	40	4620	4620	4620	4620	4366	3996	3881	2495	2010
	0.250	XS	80	6079	6079	6079	6079	5745	5258	5106	3283	2644
2-1/2	0.217	STD	40	4359	4359	4359	4359	4119	3770	3661	2354	1896
	0.281	XS	80	5644	5644	5644	5644	5334	4882	4741	3048	2455
3	0.254	STD	40	4191	4191	4191	4191	3960	3625	3520	2263	1823
	0.312	XS	80	5148	5148	5148	5148	4865	4453	4324	2780	2239
3-1/2	0.262	STD	40	3783	3783	3783	3783	3575	3272	3177	2043	1645
	0.312	XS	80	4505	4505	4505	4505	4257	3896	3784	2432	1959
4	0.271	STD	40	3478	3478	3478	3478	3287	3008	2921	1878	1513
	0.343	XS	80	4402	4402	4402	4402	4160	3808	3698	2377	1915

MAXIMUM ALLOWABLE WORKING PRESSURE (PSI) AT DESIGN TEMPERATURE (F)
API N80 Tubing Nipples NUE Round Threads and EUE Center Turned

FOR REFERENCE ONLY

Nominal Pipe Size	Wall Thickness	Weight Class	Schedule No.	Temperature								
				-20 to 100	200	300	400	500	600	700	800	850
3/4	0.113	STD	40	9040	9040	9040	9040	8543	7820	7594	4882	3932
	0.154	XS	80	12320	12320	12320	12320	11642	10657	10349	6653	5359
1	0.133	STD	40	8496	8496	8496	8496	8029	7349	7136	4588	3696
	0.179	XS	80	11434	11434	11434	11434	10805	9891	9605	6174	4974
1-1/4	0.140	STD	40	7084	7084	7084	7084	6695	6128	5951	3826	3082
	0.191	XS	80	9665	9665	9665	9665	9133	8360	8119	5219	4204
1-1/2	0.145	STD	40	6411	6411	6411	6411	6058	5545	5385	3462	2789
	0.200	XS	80	8842	8842	8842	8842	8356	7648	7427	4775	3846
2	0.190	STD	40	6720	6720	6720	6720	6350	5813	5645	3629	2923
	0.250	XS	80	8842	8842	8842	8842	8356	7648	7427	4775	3846
2-1/2	0.217	STD	40	6340	6340	6340	6340	5991	5484	5326	3424	2758
	0.281	XS	80	8210	8210	8210	8210	7759	7102	6896	4433	3571
3	0.254	STD	40	6096	6096	6096	6096	5761	5273	5121	3292	2652
	0.312	XS	80	7488	7488	7488	7488	7076	6477	6290	4044	3257
3-1/2	0.262	STD	40	5502	5502	5502	5502	5199	4759	4622	2971	2393
	0.312	XS	80	6552	6552	6552	6552	6192	5667	5504	3538	2850
4	0.271	STD	40	5059	5059	5059	5059	4780	4376	4249	2732	2201
	0.343	XS	80	6403	6403	6403	6403	6051	5538	5378	3457	2785

NOTES:

- 1). The allowable working pressures were calculated based on formula as specified in the API Bulletin 5C3.
- 2). No allowances were made for corrosion, erosion, mechanical loads, and/or bending moments.
- 3). Allowable working pressures listed are non-shock working pressures.
- 4). For temperatures and working pressures above those listed consult the end user's Piping Engineer.
- 5). This information is to be used as a reference guide only. Specifying the correct pipe schedule and pressure class of fitting depends on many different factors. Therefore, it is the ultimate responsibility of the end user's Piping Engineer to specify the correct pipe schedule and pressure class of fitting that will safely work in his intended application.