



The Phoenix Forge Group
PHOENIX * CAPITOL * CAMCO * CAPPRODUCTS



MAXIMUM ALLOWABLE WORKING PRESSURE (PSI) AT DESIGN TEMPERATURE (F)
API J55 and K55 Tubing Swage Nipples
FOR REFERENCE ONLY

Nominal Large End Pipe Size	Wall Thickness	Weight Class	Schedule No.	Temperature								
				-20 to 100	200	300	400	500	600	700	800	850
1-1/2" NUE 10RD	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" EUE 8RD	0.315	STD	40	7013	7013	7013	7013	6627	6066	5891	3787	3051
	0.375	XS	80	8349	8349	8349	8349	7889	7222	7013	4508	3632
2" LP 11.5V	0.154	STD	40	3745	3745	3745	3745	3539	3239	3145	2022	1629
	0.218	XS	80	5301	5301	5301	5301	5009	4585	4453	2862	2306
2" NUE 10RD	0.190	STD	40	4620	4620	4620	4620	4366	3996	3881	2495	2010
	0.254	XS	80	6176	6176	6176	6176	5837	5342	5188	3335	2687
2-1/2" EUE 8RD	0.326	STD	40	6085	6085	6085	6085	5750	5263	5111	3286	2647
	0.390	XS	80	7279	7279	7279	7279	6879	6297	6115	3931	3167
2-1/2" LP 8V	0.203	STD	40	4078	4078	4078	4078	3853	3527	3425	2202	1774
	0.276	XS	80	5544	5544	5544	5544	5239	4796	4657	2994	2412
2-1/2" NUE 10RD	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" EUE 8RD	0.379	STD	40	5837	5837	5837	5837	5516	5049	4903	3152	2539
	0.437	XS	80	6730	6730	6730	6730	6360	5821	5653	3634	2927
3" LP 8V	0.216	STD	40	3564	3564	3564	3564	3368	3083	2994	1925	1550
	0.300	XS	80	4950	4950	4950	4950	4678	4282	4158	2673	2153
3" NUE 10RD	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
4" EUE 8RD	0.396	STD	40	4815	4815	4815	4815	4550	4165	4044	2600	2094
	0.467	XS	80	5678	5678	5678	5678	5365	4911	4769	3066	2470
4" LP 8V	0.237	STD	40	3042	3042	3042	3042	2874	2631	2555	1642	1323
	0.337	XS	80	4325	4325	4325	4325	4087	3741	3633	2335	1881
4" NUE 8RD	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

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.

KK 10/28/14