



The Phoenix Forge Group
PHOENIX * CAPITOL * CAMCO * CAPPRODUCTS



MAXIMUM ALLOWABLE WORKING PRESSURE (PSI) AT DESIGN TEMPERATURE (F)

API P110 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	8814	8814	8814	8814	8330	7625	7404	4760	3834
	0.200	XS	80	12158	12158	12158	12158	11489	10517	10213	6565	5289
2" EUE 8RD	0.315	STD	40	14026	14026	14026	14026	13254	12132	11782	7574	6101
	0.375	XS	80	16697	16697	16697	16697	15779	14443	14026	9016	7263
2" LP 11.5V	0.154	STD	40	7489	7489	7489	7489	7077	6478	6291	4044	3258
	0.218	XS	80	10602	10602	10602	10602	10019	9170	8905	5725	4612
2" NUE 10RD	0.190	STD	40	9240	9240	9240	9240	8732	7993	7762	4990	4019
	0.254	XS	80	12352	12352	12352	12352	11673	10685	10376	6670	5373
2-1/2" EUE 8RD	0.326	STD	40	12170	12170	12170	12170	11500	10527	10223	6572	5294
	0.390	XS	80	14559	14559	14559	14559	13758	12593	12229	7862	6333
2-1/2" LP 8V	0.203	STD	40	8155	8155	8155	8155	7707	7054	6850	4404	3548
	0.276	XS	80	11088	11088	11088	11088	10478	9591	9314	5988	4823
2-1/2" NUE 10RD	0.217	STD	40	8718	8718	8718	8718	8238	7541	7323	4708	3792
	0.281	XS	80	11289	11289	11289	11289	10668	9765	9483	6096	4911
3" EUE 8RD	0.379	STD	40	11673	11673	11673	11673	11031	10097	9805	6304	5078
	0.437	XS	80	13460	13460	13460	13460	12719	11643	11306	7268	5855
3" LP 8V	0.216	STD	40	7128	7128	7128	7128	6736	6166	5988	3849	3101
	0.300	XS	80	9900	9900	9900	9900	9356	8564	8316	5346	4307
3" NUE 10RD	0.254	STD	40	8382	8382	8382	8382	7921	7250	7041	4526	3646
	0.312	XS	80	10296	10296	10296	10296	9730	8906	8649	5560	4479
4" EUE 8RD	0.396	STD	40	9629	9629	9629	9629	9099	8329	8088	5200	4189
	0.467	XS	80	11355	11355	11355	11355	10731	9822	9539	6132	4940
4" LP 8V	0.237	STD	40	6083	6083	6083	6083	5748	5262	5110	3285	2646
	0.337	XS	80	8650	8650	8650	8650	8174	7482	7266	4671	3763
4" NUE 8RD	0.271	STD	40	6956	6956	6956	6956	6573	6017	5843	3756	3026
	0.343	XS	80	8804	8804	8804	8804	8319	7615	7395	4754	3830

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