



The Phoenix Forge Group
PHOENIX * CAPITOL * CAMCO * CAPPRODUCTS



MAXIMUM ALLOWABLE WORKING PRESSURE (PSI) AT DESIGN TEMPERATURE (F)
API L80 and N80 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	6411	6411	6411	6411	6058	5545	5385	3462	2789
	0.200	XS	80	8842	8842	8842	8842	8356	7648	7427	4775	3846
2" EUE 8RD	0.315	STD	40	10200	10200	10200	10200	9639	8823	8568	5508	4437
	0.375	XS	80	12143	12143	12143	12143	11476	10504	10200	6557	5282
2" LP 11.5V	0.154	STD	40	5447	5447	5447	5447	5147	4711	4575	2941	2369
	0.218	XS	80	7710	7710	7710	7710	7286	6669	6477	4164	3354
2" NUE 10RD	0.190	STD	40	6720	6720	6720	6720	6350	5813	5645	3629	2923
	0.254	XS	80	8984	8984	8984	8984	8489	7771	7546	4851	3908
2-1/2" EUE 8RD	0.326	STD	40	8851	8851	8851	8851	8364	7656	7435	4779	3850
	0.390	XS	80	10588	10588	10588	10588	10006	9159	8894	5718	4606
2-1/2" LP 8V	0.203	STD	40	5931	5931	5931	5931	5605	5130	4982	3203	2580
	0.276	XS	80	8064	8064	8064	8064	7620	6975	6774	4355	3508
2-1/2" NUE 10RD	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" EUE 8RD	0.379	STD	40	8490	8490	8490	8490	8023	7344	7131	4584	3693
	0.437	XS	80	9789	9789	9789	9789	9250	8467	8223	5286	4258
3" LP 8V	0.216	STD	40	5184	5184	5184	5184	4899	4484	4355	2799	2255
	0.300	XS	80	7200	7200	7200	7200	6804	6228	6048	3888	3132
3" NUE 10RD	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
4" EUE 8RD	0.396	STD	40	7003	7003	7003	7003	6618	6058	5882	3782	3046
	0.467	XS	80	8259	8259	8259	8259	7804	7144	6937	4460	3592
4" LP 8V	0.237	STD	40	4424	4424	4424	4424	4181	3827	3716	2389	1924
	0.337	XS	80	6291	6291	6291	6291	5945	5441	5284	3397	2736
4" NUE 8RD	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.