



The Phoenix Forge Group
PHOENIX * CAPITOL * CAMCO * CAPPRODUCTS



MAXIMUM ALLOWABLE WORKING PRESSURE (PSI) AT DESIGN TEMPERATURE (F)
API J55 Tubing Nipples EUE Round Threads (No Center Turning)
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	0.246	STD	40	10803	10803	10803	10803	10209	9345	9075	5834	4699
	0.287	XS	80	12604	12604	12604	12604	11911	10902	10587	6806	5483
	0.441	XXS	...	19367	19367	19367	19367	18302	16753	16268	10458	8425
1	0.210	STD	40	8256	8256	8256	8256	7802	7141	6935	4458	3591
	0.256	XS	80	10064	10064	10064	10064	9510	8705	8454	5435	4378
	0.435	XXS	...	17101	17101	17101	17101	16160	14792	14365	9234	7439
1-1/4	0.216	STD	40	6884	6884	6884	6884	6505	5955	5783	3717	2995
	0.266	XS	80	8478	8478	8478	8478	8011	7333	7121	4578	3688
	0.458	XXS	...	14597	14597	14597	14597	13794	12626	12261	7882	6350
1-1/2	0.242	STD	40	6674	6674	6674	6674	6307	5773	5606	3604	2903
	0.296	XS	80	8163	8163	8163	8163	7714	7061	6857	4408	3551
	0.497	XXS	...	13707	13707	13707	13707	12953	11856	11514	7402	5962
2	0.299	STD	40	6657	6657	6657	6657	6290	5758	5592	3595	2896
	0.360	XS	80	8015	8015	8015	8015	7574	6933	6732	4328	3486
	0.547	XXS	...	12178	12178	12178	12178	11508	10534	10229	6576	5297
2-1/2	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
	0.672	XXS	...	12543	12543	12543	12543	11853	10850	10536	6773	5456
3	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
	0.750	XXS	...	11550	11550	11550	11550	10915	9991	9702	6237	5024
3-1/2	0.387	STD	40	5259	5259	5259	5259	4969	4549	4417	2840	2288
	0.438	XS	80	5952	5952	5952	5952	5624	5148	4999	3214	2589
	0.750	XXS	...	10191	10191	10191	10191	9631	8815	8561	5503	4433
4	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
	0.812	XXS	...	9872	9872	9872	9872	9329	8539	8293	5331	4294

MAXIMUM ALLOWABLE WORKING PRESSURE (PSI) AT DESIGN TEMPERATURE (F)
API N80 Tubing Nipples EUE Round Threads (No Center Turning)
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	0.246	STD	40	15714	15714	15714	15714	14850	13593	13200	8486	6836
	0.287	XS	80	18333	18333	18333	18333	17325	15858	15400	9900	7975
	0.441	XXS	...	28170	28170	28170	28170	26621	24367	23663	15212	12254
1	0.210	STD	40	12008	12008	12008	12008	11348	10387	10087	6484	5224
	0.256	XS	80	14639	14639	14639	14639	13833	12662	12296	7905	6368
	0.435	XXS	...	24874	24874	24874	24874	23506	21516	20894	13432	10820
1-1/4	0.216	STD	40	10013	10013	10013	10013	9463	8661	8411	5407	4356
	0.266	XS	80	12331	12331	12331	12331	11653	10666	10358	6659	5364
	0.458	XXS	...	21232	21232	21232	21232	20064	18365	17835	11465	9236
1-1/2	0.242	STD	40	9708	9708	9708	9708	9174	8397	8154	5242	4223
	0.296	XS	80	11874	11874	11874	11874	11221	10271	9974	6412	5165
	0.497	XXS	...	19937	19937	19937	19937	18840	17245	16747	10766	8673
2	0.299	STD	40	9682	9682	9682	9682	9150	8375	8133	5228	4212
	0.360	XS	80	11658	11658	11658	11658	11016	10084	9792	6295	5071
	0.547	XXS	...	17713	17713	17713	17713	16739	15322	14879	9565	7705
2-1/2	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
	0.672	XXS	...	18244	18244	18244	18244	17241	15781	15325	9852	7936
3	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
	0.750	XXS	...	16800	16800	16800	16800	15876	14532	14112	9072	7308
3-1/2	0.387	STD	40	7649	7649	7649	7649	7228	6616	6425	4130	3327
	0.438	XS	80	8657	8657	8657	8657	8181	7488	7272	4675	3766
	0.750	XXS	...	14824	14824	14824	14824	14008	12822	12452	8005	6448
4	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
	0.812	XXS	...	14360	14360	14360	14360	13570	12421	12062	7754	6246

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.