

Tubing Stretch Table

OD	Weight	ID	Wall Area	Stretch Constant	Free Point Constant	
in.	lb/ft	in.	in²	in./1,000 lb/1,000 ft		
1.050	1.14	0.824	0.333	1.20120	832.5	
	1.20					
1.315	1.30	1.125	0.364	1.09890	910.0	
	1.43	1.097	0.413	0.96852	1032.5	
	1.63	1.065	0.467	0.85653	1167.5	
	1.70	1.049	0.494	0.80972	1235.0	
	1.72					
1.80						
1.660	2.10	1.410	0.603	0.66335	1507.5	
	2.30	1.380	0.669	0.59791	1672.5	
	2.33					
1.900	2.40	1.650	0.697	0.57389	1742.5	
	2.60	1.610	0.799	0.50063	1997.5	
	2.72					
	2.75					
	2.76					
	2.90					
2.000	3.30	1.670	0.951	0.42061	2377.5	
	3.40					
2.063	2.66	1.813	0.761	0.52562	1902.5	
	3.25	1.751	0.935	0.42781	2337.5	
	3.30					
	3.40					
2.375	3.10	2.125	0.884	0.45249	2210.0	
	3.32	2.107	0.943	0.42418	2357.5	
	4.00	2.041	1.158	0.34542	2895.0	
	4.60	1.995	1.304	0.30675	3260.0	
	4.70					
	5.30	1.939	1.477	0.27082	3692.5	
	5.80	1.867	1.692	0.23641	4230.0	
	5.95					
	6.20	1.853	1.733	0.23081	4332.5	
	7.70	1.703	2.152	0.18587	5380.0	
	2.875	4.36	2.579	1.268	0.31546	3170.0
4.64		2.563	1.333	0.30008	3332.5	
6.40		2.441	1.812	0.22075	4530.0	
6.50						
7.90		2.323	2.254	0.17746	5635.0	
8.60		2.259	2.484	0.16103	6210.0	
8.70						
2.875		8.90	2.243	2.540	0.15748	6350.0
		9.50	2.195	2.708	0.14771	6770.0
		10.40	2.151	2.858	0.13996	7145.0
	2.875	11.00	2.065	3.143	0.12727	7857.5
		11.65	1.995	3.366	0.11884	8415.0
3.500	5.63	3.188	1.639	0.24405	4097.5	
	5.75					
	7.70	3.068	2.228	0.17953	5570.0	

Tubing Stretch Table (Continued)

OD in.	Weight lb/ft	ID in.	Wall Area in²	Stretch Constant in./1,000 lb/1,000 ft	Free Point Constant
3.500	9.20	2.992	2.590	0.15444	6475.0
	9.30				
	10.20	2.922	2.915	0.13722	7287.5
	10.30				
	12.80	2.764	3.621	0.11047	9052.5
	12.95	2.750	3.682	0.10864	9205.0
	13.70	2.673	4.010	0.09975	10025.0
	14.70	2.601	4.308	0.09285	10770.0
	15.10	2.602	4.304	0.09294	10760.0
	15.80	2.524	4.618	0.08662	11545.0
17.05	2.440	4.945	0.08089	12362.5	
4.000	9.40	3.548	2.680	0.14925	6700.0
	9.50				
	10.80	3.476	3.077	0.13000	7692.5
	10.90				
	11.00	3.428	3.337	0.11987	8342.5
	11.60				
13.40	3.340	3.805	0.10512	9512.5	
4.500	12.60	3.958	3.600	0.11111	9000.0
	12.75				
	15.10	3.826	4.407	0.09076	11017.5
	15.50				
	16.90	3.754	4.836	0.08271	12090.0
	19.20	3.640	5.498	0.07275	13745.0

*Resource- Baker Hughes Tech Facts Engineering handbook