

Base Casing				
OD (in.)	Weight (lb/ft)	ID (in.)	Drift (in.)	
20.000	169.0	18.376	18.188	
	133.0	18.730	18.542	
	133.0	18.730	18.542	
18.625	136.0	17.239	17.051	
	117.5	17.439	17.251	
	115.0	17.437	17.249	
	109.4	17.499	17.311	
	94.5	17.689	17.501	
	87.5	17.755	17.567	
16.250	67.8	15.450	15.300	
16.000	109.0	14.688	14.500	
	97.0	14.850	14.662	
	84.0	15.010	14.822	
14.000	115.0	12.376	12.250	
	115.0	12.376	12.250	
	112.8	12.400	12.250	
	112.8	12.400	12.250	
	94.8	12.688	12.500	
	82.5	12.876	12.689	
13.625	88.2	12.375	12.250	
	88.2	12.375	12.250	
13.375	72.0	12.347	12.191	
	72.0	12.347	12.191	
	68.0	12.415	12.259	
	68.0	12.415	12.259	
11.875	71.8	10.711	10.625	
	82.6	10.368	10.212	
	80.5	10.406	10.250	
	77.6	10.460	10.358	
11.750	65.0	10.682	10.625	
	60.0	10.772	10.616	
	85.3	9.156	9.000	
	85.3	9.156	9.000	
	75.9	9.350	9.195	
	75.9	9.350	9.195	
10.750	73.2	9.406	9.250	
	73.2	9.406	9.250	
	71.1	9.450	9.294	
	71.1	9.450	9.294	
	65.7	9.560	9.404	
	65.7	9.560	9.404	
	60.7	9.660	9.504	
	60.7	9.660	9.504	
	55.5	9.760	9.604	
	55.5	9.760	9.604	
	45.5	9.950	9.794	
	45.5	9.950	9.794	
	40.5	10.050	9.894	
	10.125	67.9	8.791	8.625
		67.9	8.791	8.625
		66.9	8.539	8.500
9.875	66.9	8.539	8.500	
	62.8	8.625	8.469	
	62.8	8.625	8.469	
	62.8	8.625	8.469	
9.625	53.5	8.535	8.379	
	53.5	8.535	8.379	
	47.0	8.681	8.525	
	47.0	8.681	8.525	
	43.5	8.755	8.599	
	40.0	8.835	8.679	
9.375	36.0	8.921	8.765	
	39.0	8.575	8.500	

Solid Expandable Tubular (SET®) Systems											
Pre-Expansion				Post-Expansion							
OD (in.)	Weight (lb/ft)	ID (in.)	Launcher OD (in.)	OD (in.)	ID (in.)	Drift (in.)	Expansion Ratio (ID Change)	Internal Yield (psi)	Collapse* (psi)		
16.000	84.0	15.010	18.188	18.237	17.300	17.125	15.3%	3,700	800		
16.000	84.0	15.010	18.325	18.364	17.430	17.250	16.1%	3,660	780		
16.000	84.0	15.010	18.542	18.608	17.680	17.500	17.8%	3,590	740		
16.000	84.0	15.010	17.000	17.089	16.125	16.000	7.4%	4,060	1,010		
16.000	84.0	15.010	17.120	17.211	16.250	16.125	8.3%	4,020	990		
16.000	84.0	15.010	17.120	17.211	16.250	16.125	8.3%	4,020	990		
16.000	84.0	15.010	17.375	17.456	16.500	16.375	9.9%	3,940	940		
16.000	84.0	15.010	17.375	17.456	16.500	16.375	9.9%	3,940	940		
13.375	54.5	12.615	15.300	15.338	14.620	14.474	15.9%	3,370	580		
13.375	54.5	12.615	14.500	14.506	13.770	13.632	9.2%	3,650	770		
13.375	54.5	12.615	14.570	14.682	13.950	13.811	10.6%	3,590	740		
13.375	54.5	12.615	14.750	14.829	14.100	13.959	11.8%	3,540	700		
11.750	74.6	10.514	12.191	12.235	11.020	10.910	4.8%	7,150	3,780		
11.750	47.0	11.000	12.191	12.238	11.500	11.385	4.5%	4,340	1,180		
11.750	74.6	10.514	12.191	12.235	11.020	10.910	4.8%	7,150	3,780		
11.750	47.0	11.000	12.191	12.238	11.500	11.385	4.5%	4,340	1,180		
11.750	74.6	10.514	12.191	12.576	11.375	11.261	8.2%	6,870	3,500		
11.750	74.6	10.514	12.191	12.695	11.500	11.385	9.4%	6,780	3,400		
11.750	74.6	10.514	12.191	12.216	11.000	10.890	4.6%	7,170	3,800		
11.750	47.0	11.000	12.191	12.189	11.450	11.336	4.1%	4,370	1,200		
11.750	74.6	10.514	12.191	12.216	11.000	10.890	4.6%	7,170	3,800		
11.750	47.0	11.000	12.191	12.179	11.440	11.326	4.0%	4,370	1,200		
11.750	74.6	10.514	12.191	12.336	11.125	11.014	5.8%	7,070	3,700		
11.750	47.0	11.000	12.191	12.238	11.500	11.385	4.5%	4,340	1,180		
9.625	36.0	8.921	10.616	10.650	9.975	9.875	11.8%	4,560	1,330		
9.625	36.0	8.921	10.212	10.285	9.600	9.504	7.6%	4,800	1,510		
9.625	36.0	8.921	10.250	10.285	9.600	9.504	7.6%	4,800	1,510		
9.625	36.0	8.921	10.250	10.310	9.625	9.529	7.9%	4,780	1,500		
9.625	36.0	8.921	10.616	10.577	9.900	9.801	11.0%	4,610	1,370		
9.625	36.0	8.921	10.616	10.650	9.975	9.875	11.8%	4,560	1,330		
8.625	44.0	7.625	9.000	9.030	8.050	7.970	5.6%	7,820	4,450		
8.625	32.0	7.921	9.000	8.992	8.300	8.217	4.8%	5,540	2,160		
8.625	44.0	7.625	9.150	9.226	8.255	8.172	8.3%	7,580	4,220		
8.625	32.0	7.921	9.150	9.283	8.600	8.514	8.6%	5,300	1,930		
8.625	44.0	7.625	9.150	9.317	8.350	8.267	9.5%	7,470	4,110		
8.625	32.0	7.921	9.150	9.307	8.625	8.539	8.9%	5,280	1,920		
8.625	44.0	7.625	9.294	9.341	8.375	8.291	9.8%	7,440	4,080		
8.625	32.0	7.921	9.150	9.307	8.625	8.539	8.9%	5,280	1,920		
8.625	44.0	7.625	9.294	9.450	8.490	8.405	11.3%	7,320	3,950		
8.625	32.0	7.921	9.404	9.403	8.724	8.637	10.1%	5,200	1,850		
8.625	44.0	7.625	9.294	9.555	8.600	8.514	12.8%	7,200	3,830		
8.625	32.0	7.921	9.404	9.525	8.850	8.762	11.7%	5,100	1,760		
8.625	44.0	7.625	9.294	9.555	8.600	8.514	12.8%	7,200	3,830		
8.625	32.0	7.921	9.404	9.525	8.850	8.762	11.7%	5,100	1,760		
8.625	32.0	7.921	9.794	9.767	9.100	9.009	14.9%	4,920	1,610		
8.625	32.0	7.921	9.794	9.767	9.100	9.009	14.9%	4,920	1,610		
7.625	39.0	6.625	8.379	8.529	7.580	7.504	14.4%	8,010	4,650		
7.625	29.7	6.875	8.525	8.592	7.880	7.801	14.6%	5,960	2,570		
7.625	39.0	6.625	8.180	8.454	7.500	7.425	13.2%	8,120	4,750		
7.625	29.7	6.875	8.379	8.418	7.700	7.623	12.0%	6,140	2,750		
7.625	39.0	6.625	8.379	8.501	7.550	7.475	14.0%	8,050	4,690		
7.625	29.7	6.875	8.379	8.457	7.740	7.663	12.6%	6,100	2,710		
7.625	39.0	6.625	8.379	8.425	7.470	7.395	12.8%	8,160	4,790		
7.625	29.7	6.875	8.379	8.428	7.710	7.633	12.1%	6,130	2,740		
7.625	39.0	6.625	8.379	8.529	7.580	7.504	14.4%	8,010	4,650		
7.625	29.7	6.875	8.379	8.505	7.790	7.712	13.3%	6,050	2,660		
7.625	29.7	6.875	8.379	8.505	7.790	7.712	13.3%	6,050	2,660		
7.625	29.7	6.875	8.662	8.664	7.955	7.875	15.7%	5,890	2,500		
7.625	29.7	6.875	8.662	8.664	7.955	7.875	15.7%	5,890	2,500		
7.625	29.7	6.875	8.379	8.428	7.710	7.633	12.1%	6,130	2,740		

Special Drift Bold = High-Performance SET®

Base Casing				Solid Expandable Tubular (SET®) Systems											
OD (in.)	Weight (lb/ft)	ID (in.)	Drift (in.)	Pre-Expansion				Post-Expansion							
				OD (in.)	Weight (lb/ft)	ID (in.)	Launcher OD (in.)	OD (in.)	ID (in.)	Drift (in.)	Expansion Ratio (ID Change)	Internal Yield (psi)	Collapse* (psi)		
7.750	46.1	6.560	6.435	6.000	20.1	5.340	6.435	6.492	5.854	5.795	9.6%	7,070	3,700		
7.625	39.0	6.625	6.500	6.000	20.1	5.340	6.500	6.536	5.900	5.841	10.5%	7,000	3,630		
	33.7	6.765	6.640	6.000	20.1	5.340	6.640	6.689	6.060	6.001	13.5%	6,770	3,390		
	29.7	6.875	6.750	6.000	20.1	5.340	6.750	6.813	6.190	6.131	15.9%	6,590	3,200		
	38.0	5.920	5.875	5.500	18.2	4.840	5.800	5.833	5.190	5.131	7.2%	7,940	4,580		
7.000	35.0	6.004	5.879	5.500	18.2	4.840	5.800	5.890	5.250	5.191	8.5%	7,830	4,470		
	32.0	6.094	5.969	5.500	18.2	4.840	5.969	5.967	5.330	5.271	10.1%	7,680	4,320		
	29.0	6.184	6.059	5.500	18.2	4.840	5.969	6.071	5.440	5.381	12.4%	7,490	4,120		
	26.0	6.276	6.151	5.500	18.2	4.840	6.151	6.195	5.570	5.511	15.1%	7,260	3,900		
	23.0	6.366	6.241	5.500	18.2	4.840	6.151	6.262	5.640	5.581	16.5%	7,150	3,780		
	20.0	6.456	6.331	5.500	18.2	4.840	6.151	6.262	5.640	5.581	16.5%	7,150	3,780		
	23.0	4.670	4.545	4.250	10.7	3.750	4.545	4.546	4.060	3.980	8.3%	10,570	5,600		
5.500	23.0	4.670	4.545	4.250	10.7	3.750	4.545	4.546	4.060	3.980	8.3%	8,650	4,330		
	20.0	4.778	4.653	4.250	10.7	3.750	4.545	4.598	4.115	4.035	9.7%	10,400	5,350		
	20.0	4.778	4.653	4.250	10.7	3.750	4.545	4.598	4.115	4.035	9.7%	8,510	4,200		
	17.0	4.892	4.767	4.250	10.7	3.750	4.700	4.688	4.210	4.130	12.3%	10,100	4,920		
	17.0	4.892	4.767	4.250	10.7	3.750	4.700	4.688	4.210	4.130	12.3%	8,270	3,980		
	15.5	4.950	4.825	4.250	10.7	3.750	4.700	4.688	4.210	4.130	12.3%	10,100	4,920		
	15.5	4.950	4.825	4.250	10.7	3.750	4.700	4.688	4.210	4.130	12.3%	8,270	3,980		
	14.0	5.012	4.887	4.250	10.7	3.750	4.700	4.765	4.290	4.210	14.4%	8,070	3,810		
	5.000	23.2	4.044	3.919	3.500	9.2	2.992	3.700	3.747	3.255	3.195	8.8%	13,010	8,900	
		21.4	4.126	4.001	3.500	9.2	2.992	3.700	3.747	3.255	3.195	8.8%	13,010	8,900	
18.0		4.276	4.151	3.500	9.2	2.992	3.700	3.747	3.255	3.195	8.8%	13,010	8,900		
4.500	15.1	3.826	3.701	3.500	9.2	2.992	3.700	3.747	3.255	3.195	8.8%	13,010	8,900		
	13.5	3.920	3.795	3.500	9.2	2.992	3.700	3.747	3.255	3.195	8.8%	13,010	8,900		
	11.6	4.000	3.875	3.500	9.2	2.992	3.700	3.747	3.255	3.195	8.8%	13,010	8,900		
Casing Patch															
7.000	32.0	6.094	5.969	5.500	17.0	4.892	5.969	6.024	5.440	5.381	11.2%	6,980	3,610		
	29.0	6.184	6.059	5.500	17.0	4.892	5.969	6.024	5.440	5.381	11.2%	6,980	3,610		
	26.0	6.276	6.151	5.500	17.0	4.892	6.151	6.148	5.570	5.511	13.9%	6,770	3,400		
	23.0	6.366	6.241	5.500	17.0	4.892	6.151	6.148	5.570	5.511	13.9%	6,770	3,400		
	20.0	6.456	6.331	5.500	17.0	4.892	6.151	6.148	5.570	5.511	13.9%	6,770	3,400		
5.500	26.0	4.548	4.423	4.250	10.7	3.750	4.420	4.469	3.980	3.921	6.1%	10,840	5,830		
	23.0	4.670	4.545	4.250	12.9	3.750	4.545	4.586	4.000	3.941	6.7%	12,650	8,390		
	23.0	4.670	4.545	4.250	10.7	3.750	4.545	4.593	4.110	4.051	9.6%	8,520	4,210		
	20.0	4.778	4.653	4.250	12.9	3.750	4.545	4.643	4.060	4.001	8.3%	12,420	8,070		
	20.0	4.778	4.653	4.250	10.7	3.750	4.545	4.593	4.110	4.051	9.6%	8,520	4,210		
	17.0	4.892	4.767	4.250	12.9	3.750	4.545	4.643	4.060	4.001	8.3%	12,420	8,070		
	17.0	4.892	4.767	4.250	10.7	3.750	4.545	4.593	4.110	4.051	9.6%	8,520	4,210		
	15.5	4.950	4.825	4.250	10.7	3.750	4.545	4.593	4.110	4.051	9.6%	8,520	4,210		
	14.0	5.012	4.887	4.250	10.7	3.750	4.545	4.593	4.110	4.051	9.6%	8,520	4,210		
	5.000	23.2	4.044	3.919	3.550	8.7	3.060	3.770	3.795	3.320	3.261	8.5%	12,400	8,040	
21.4		4.126	4.001	3.550	8.7	3.060	3.770	3.795	3.320	3.261	8.5%	12,400	8,040		
18.0		4.276	4.151	3.550	8.7	3.060	3.770	3.795	3.320	3.261	8.5%	12,400	8,040		
4.500	15.1	3.826	3.701	3.550	8.7	3.060	3.700	3.734	3.255	3.195	6.4%	12,700	8,470		
	13.5	3.920	3.795	3.550	8.7	3.060	3.770	3.795	3.320	3.261	8.5%	12,400	8,040		
	12.6	3.958	3.833	3.550	8.7	3.060	3.770	3.795	3.320	3.261	8.5%	12,400	8,040		
	11.6	4.000	3.875	3.550	8.7	3.060	3.770	3.795	3.320	3.261	8.5%	12,400	8,040		

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All above ratings are at room temperature.

Additional Base Casing sizes may also be accommodated based on application. Please contact Enventure representative at: www.EnventureGT.com

* Collapse strength is calculated for 99.5% reliability (0.5% target failure rate) using post-expansion SET® collapse test data and ISO 10400 collapse calculation method G.4.1. All testing procedures followed API 5C3 / ISO 10400 guidelines, and verified by DNV.

Enventure does not guarantee the accuracy of any well design based upon this tool or any interpretation that this tool may allow; nor based upon any recommendations that may be given by Enventure's personnel or in any other form. Any user of this tool or the data or designs created by it or by Enventure's personnel agrees that Enventure is not responsible, except where due to Enventure's gross negligence or willful misconduct, for any loss, damages or expenses resulting from such use.