HMSO 12p

Forestry Commission Booklet 37

Volume Tables for Smallwood and Round Pitwood

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FORESTRY COMMISSION

BOOKLET NO. 37

VOLUME TABLES FOR SMALLWOOD AND ROUND PITWOOD

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Forestry Commission

LONDON

HER MAJESTY'S STATIONERY OFFICE

1973

SBN 11 710020 X

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VOLUME TABLES FOR SMALLWOOD AND ROUND PITWOOD

INTRODUCTION

General

1. The tables contained in this booklet are designed to provide estimates of volume from length and top diameter measurements.

2. The length and top diameter specifications of pitwood are unique, and require tables specially designed to cater for these specifications. The smallwood tables provide volumes of small diameter roundwood, other than pitwood, where conventional length and top diameter specifications are applicable.

3. A standard taper of 1:84, i.e. an increase of one centimetre in diameter in a length of eighty-four centimetres, is assumed in constructing the tables. This rate of taper is that between the top and mid-point of a billet.

4. The basic formula used in calculating the tables is:

$$V = L \left[\frac{\pi}{40000} \times \left(d_t + \frac{(L \times 0{\cdot}5)}{0{\cdot}84} \right)^2 \right]$$

where V = volume (of a single billet) in cubic metres
L = length in metres
d_t = top diameter in centimetres
π = 3·1415927

5. For top diameters of less than 7 cm, the specified volumes *include* the material beyond the *conventional* top diameter limit for measurable volume of 7 cm overbark.

6. Where top diameters are measured overbark, the volumes indicated will be overbark volumes. Likewise underbark volumes are implied from the use of underbark measurements of top diameter.

Smallwood Tables

7. Top diameters should be measured with a rule and rounded down to the nearest whole centimetre. One measurement taken in a random direction is sufficient.

8. Lengths will be rounded down to the nearest 0·1 metre.

9. Volumes are obtained from the tables on pages 6 to 9.

Example

Actual top diameter = 7·6 cm; rounded down top diameter = 7 cm.
Actual length – 2·67 m., rounded down length – 2·6 m.
Volume – 1·49 m^3 per 100 pieces (page 6)
or 0·0149 m^3 per piece.

Pitwood Tables

10. Two types of table are provided for pitwood measurement. The first type provides volumes per 100 pieces for given top diameters and lengths. The second type gives volumes per 100 lineal metres of given size specifications, and can be used where orders are stated in terms of lineal metres.

11. The sizes covered by the tables are confined to those required by the National Coal Board.

12. The sizes specified are the minimum dimensions of top diameter and length.

13. In practice, pitwood is cut to given specifications and a limited range of sizes will usually apply in any one situation. Particularly for smaller-sized material, the cutter will find it most convenient to use a measuring stick marked at the specified lengths. Likewise top diameter can be measured with a gauge.

14. The billets of each specified size category may be separately piled; the only assessment then required is to count the numbers in each category, and apply the appropriate table.

15. If the pitwood tables presented here are used to calculate unit prices, minor differences may be expected from those calculated by the National Coal Board, which uses tables with values expressed to a greater number of decimal places.

16. Examples of the use of pitwood tables are shown below.

Example 1

263 pitprops of 7 cm top diameter by 1·05 m length

$$\text{Volume} = \frac{263}{100} \times 0{\cdot}479\ m^3 = 1{\cdot}260\ m^3 \text{ (from table on page 10).}$$

Example 2

560 lineal metres of 8 cm top diameter by 1·025 m length

$$\text{Volume} = \frac{560}{100} \times 0{\cdot}582\ m^3 = 3{\cdot}259\ m^3 \text{ (from table on page 13).}$$

SMALLWOOD

VOLUME (m^3) PER 100 PIECES

Length in Metres	Top Diameter (cm)					Length in Metres
	4	5	6	7	8	
0.5	0.07	0.11	0.16	0.21	0.27	0.5
0.6	0.09	0.14	0.19	0.26	0.33	0.6
0.7	0.11	0.16	0.23	0.30	0.39	0.7
0.8	0.13	0.19	0.26	0.35	0.45	0.8
0.9	0.15	0.22	0.30	0.40	0.52	0.9
1.0	0.17	0.25	0.34	0.45	0.58	1.0
1.1	0.19	0.28	0.38	0.51	0.65	1.1
1.2	0.21	0.31	0.42	0.56	0.72	1.2
1.3	0.23	0.34	0.47	0.62	0.79	1.3
1.4	0.26	0.37	0.51	0.67	0.86	1.4
1.5	0.28	0.41	0.56	0.73	0.93	1.5
1.6	0.31	0.45	0.61	0.79	1.01	1.6
1.7	0.34	0.48	0.66	0.86	1.08	1.7
1.8	0.36	0.52	0.71	0.92	1.16	1.8
1.9	0.39	0.56	0.76	0.99	1.24	1.9
2.0	0.42	0.60	0.81	1.05	1.33	2.0
2.1	0.45	0.64	0.87	1.12	1.41	2.1
2.2	0.49	0.69	0.92	1.19	1.50	2.2
2.3	0.52	0.73	0.98	1.27	1.59	2.3
2.4	0.56	0.78	1.04	1.34	1.68	2.4
2.5	0.59	0.83	1.10	1.41	1.77	2.5
2.6	0.63	0.88	1.16	1.49	1.86	2.6
2.7	0.67	0.93	1.23	1.57	1.96	2.7
2.8	0.71	0.98	1.29	1.65	2.05	2.8
2.9	0.75	1.03	1.36	1.73	2.15	2.9
3.0	0.79	1.08	1.43	1.82	2.26	3.0
3.1	0.83	1.14	1.50	1.90	2.36	3.1
3.2	0.88	1.20	1.57	1.99	2.47	3.2
3.3	0.92	1.26	1.64	2.08	2.57	3.3
3.4	0.97	1.32	1.72	2.17	2.68	3.4
3.5	1.02	1.38	1.80	2.27	2.79	3.5
3.6	1.07	1.44	1.87	2.36	2.91	3.6
3.7	1.12	1.51	1.96	2.46	3.02	3.7
3.8	1.17	1.57	2.04	2.56	3.14	3.8
3.9	1.22	1.64	2.12	2.66	3.26	3.9
4.0	1.28	1.71	2.21	2.76	3.39	4.0

SMALLWOOD

VOLUME (m^3) PER 100 PIECES

Length in Metres	Top Diameter (cm)					Length in Metres
	9	10	11	12	13	
0.5	0.34	0.42	0.50	0.59	0.69	0.5
0.6	0.41	0.51	0.61	0.72	0.84	0.6
0.7	0.49	0.60	0.72	0.85	0.99	0.7
0.8	0.56	0.69	0.83	0.98	1.14	0.8
0.9	0.64	0.78	0.94	1.11	1.30	0.9
1.0	0.72	0.88	1.06	1.25	1.45	1.0
1.1	0.81	0.98	1.17	1.38	1.61	1.1
1.2	0.89	1.08	1.29	1.52	1.77	1.2
1.3	0.98	1.19	1.42	1.67	1.94	1.3
1.4	1.06	1.29	1.54	1.81	2.10	1.4
1.5	1.15	1.40	1.67	1.96	2.27	1.5
1.6	1.24	1.51	1.80	2.11	2.45	1.6
1.7	1.34	1.62	1.93	2.26	2.62	1.7
1.8	1.43	1.73	2.06	2.42	2.80	1.8
1.9	1.53	1.85	2.20	2.57	2.98	1.9
2.0	1.63	1.97	2.33	2.73	3.16	2.0
2.1	1.73	2.09	2.48	2.90	3.35	2.1
2.2	1.84	2.21	2.62	3.06	3.54	2.2
2.3	1.94	2.33	2.76	3.23	3.73	2.3
2.4	2.05	2.46	2.91	3.40	3.92	2.4
2.5	2.16	2.59	3.06	3.57	4.12	2.5
2.6	2.27	2.72	3.22	3.75	4.32	2.6
2.7	2.39	2.86	3.37	3.93	4.52	2.7
2.8	2.50	2.99	3.53	4.11	4.73	2.8
2.9	2.62	3.13	3.69	4.29	4.94	2.9
3.0	2.74	3.27	3.85	4.48	5.15	3.0
3.1	2.86	3.42	4.02	4.67	5.37	3.1
3.2	2.99	3.56	4.19	4.86	5.58	3.2
3.3	3.12	3.71	4.36	5.05	5.80	3.3
3.4	3.25	3.86	4.53	5.25	6.03	3.4
3.5	3.38	4.01	4.71	5.45	6.25	3.5
3.6	3.51	4.17	4.88	5.66	6.48	3.6
3.7	3.65	4.33	5.07	5.86	6.72	3.7
3.8	3.79	4.49	5.25	6.07	6.95	3.8
3.9	3.93	4.65	5.44	6.28	7.19	3.9
4.0	4.07	4.82	5.63	6.50	7.43	4.0

SMALLWOOD

VOLUME (m^3) PER 100 PIECES

Length in Metres	Top Diameter (cm)					Length in Metres
	14	15	16	17	18	
0.5	0.80	0.92	1.04	1.17	1.31	0.5
0.6	0.97	1.11	1.26	1.42	1.59	0.6
0.7	1.14	1.31	1.48	1.67	1.86	0.7
0.8	1.32	1.50	1.71	1.92	2.14	0.8
0.9	1.49	1.71	1.93	2.17	2.43	0.9
1.0	1.67	1.91	2.16	2.43	2.72	1.0
1.1	1.86	2.12	2.40	2.69	3.01	1.1
1.2	2.04	2.33	2.63	2.96	3.30	1.2
1.3	2.23	2.54	2.87	3.23	3.60	1.3
1.4	2.42	2.76	3.12	3.50	3.90	1.4
1.5	2.61	2.98	3.36	3.77	4.21	1.5
1.6	2.81	3.20	3.61	4.05	4.51	1.6
1.7	3.01	3.42	3.86	4.33	4.83	1.7
1.8	3.21	3.65	4.12	4.62	5.14	1.8
1.9	3.42	3.88	4.38	4.91	5.46	1.9
2.0	3.62	4.12	4.64	5.20	5.78	2.0
2.1	3.84	4.36	4.91	5.49	6.11	2.1
2.2	4.05	4.60	5.18	5.79	6.44	2.2
2.3	4.27	4.84	5.45	6.10	6.78	2.3
2.4	4.49	5.09	5.73	6.40	7.12	2.4
2.5	4.71	5.34	6.01	6.71	7.46	2.5
2.6	4.94	5.59	6.29	7.02	7.80	2.6
2.7	5.17	5.85	6.57	7.34	8.15	2.7
2.8	5.40	6.11	6.86	7.66	8.51	2.8
2.9	5.63	6.37	7.16	7.99	8.86	2.9
3.0	5.87	6.64	7.45	8.32	9.22	3.0
3.1	6.11	6.91	7.75	8.65	9.59	3.1
3.2	6.36	7.18	8.06	8.98	9.96	3.2
3.3	6.61	7.46	8.36	9.32	10.33	3.3
3.4	6.86	7.74	8.67	9.66	10.71	3.4
3.5	7.11	8.02	8.99	10.01	11.09	3.5
3.6	7.37	8.31	9.31	10.36	11.47	3.6
3.7	7.63	8.60	9.63	10.72	11.86	3.7
3.8	7.89	8.89	9.95	11.07	12.25	3.8
3.9	8.16	9.19	10.28	11.43	12.65	3.9
4.0	8.43	9.49	10.61	11.80	13.05	4.0

SMALLWOOD

VOLUME (m^3) PER 100 PIECES

Length in Metres	Top Diameter (cm)					Length in Metres
	19	20	21	22	23	
0.5	1.46	1.62	1.78	1.95	2.13	0.5
0.6	1.77	1.95	2.15	2.36	2.57	0.6
0.7	2.07	2.29	2.52	2.76	3.01	0.7
0.8	2.38	2.63	2.90	3.17	3.46	0.8
0.9	2.70	2.98	3.28	3.59	3.92	0.9
1.0	3.02	3.33	3.66	4.01	4.37	1.0
1.1	3.34	3.69	4.05	4.43	4.83	1.1
1.2	3.66	4.04	4.44	4.86	5.30	1.2
1.3	3.99	4.41	4.84	5.30	5.77	1.3
1.4	4.33	4.77	5.24	5.73	6.25	1.4
1.5	4.66	5.14	5.65	6.17	6.73	1.5
1.6	5.00	5.52	6.06	6.62	7.21	1.6
1.7	5.35	5.89	6.47	7.07	7.70	1.7
1.8	5.70	6.28	6.89	7.53	8.19	1.8
1.9	6.05	6.66	7.31	7.98	8.69	1.9
2.0	6.40	7.05	7.73	8.45	9.19	2.0
2.1	6.76	7.45	8.17	8.92	9.70	2.1
2.2	7.13	7.85	8.60	9.39	10.21	2.2
2.3	7.49	8.25	9.04	9.87	10.73	2.3
2.4	7.87	8.66	9.48	10.35	11.25	2.4
2.5	8.24	9.07	9.93	10.83	11.77	2.5
2.6	8.62	9.48	10.38	11.32	12.31	2.6
2.7	9.01	9.90	10.84	11.82	12.84	2.7
2.8	9.39	10.32	11.30	12.32	13.38	2.8
2.9	9.78	10.75	11.76	12.82	13.93	2.9
3.0	10.18	11.18	12.23	13.33	14.47	3.0
3.1	10.58	11.62	12.71	13.84	15.03	3.1
3.2	10.98	12.06	13.19	14.36	15.59	3.2
3.3	11.39	12.50	13.67	14.88	16.15	3.3
3.4	11.80	12.95	14.16	15.41	16.72	3.4
3.5	12.22	13.41	14.65	15.94	17.30	3.5
3.6	12.64	13.86	15.14	16.48	17.87	3.6
3.7	13.06	14.32	15.64	17.02	18.46	3.7
3.8	13.49	14.79	16.15	17.57	19.05	3.8
3.9	13.92	15.26	16.66	18.12	19.64	3.9
4.0	14.36	15.74	17.17	18.67	20.24	4.0

PITWOOD

VOLUME (m^3) PER 100 PIECES

Length in Metres	Top Diameter (cm)					Length in Metres
	6	7	8	9	10	
0.375	0.114	0.154	0.199			0.375
0.400	0.122	0.165	0.213			0.400
0.450	0.139	0.187	0.242	0.304		0.450
0.500	0.156	0.209	0.270	0.339		0.500
0.525	0.164	0.220	0.285	0.358	0.439	0.525
0.550	0.173	0.232	0.300	0.376	0.461	0.550
0.600	0.190	0.255	0.329	0.413	0.505	0.600
0.650	0.208	0.279	0.359	0.450	0.551	0.650
0.675	0.217	0.290	0.374	0.469	0.574	0.675
0.750	0.245	0.327	0.420	0.526	0.643	0.750
0.825	0.273	0.364	0.467	0.584	0.713	0.825
0.875	0.292	0.389	0.499	0.623	0.761	0.875
0.900	0.302	0.401	0.515	0.643	0.785	0.900
0.975	0.332	0.440	0.564	0.703	0.857	0.975
1.025	0.352	0.466	0.597	0.743	0.906	1.025
1.050	0.362	0.479	0.613	0.764	0.931	1.050
1.125	0.393	0.520	0.664	0.826	1.006	1.125
1.175	0.414	0.547	0.698	0.868	1.056	1.175
1.200	0.425	0.561	0.716	0.889	1.082	1.200
1.275	0.457	0.603	0.768	0.954	1.159	1.275
1.350	0.491	0.646	0.822	1.019	1.238	1.350
1.425	0.525	0.689	0.876	1.085	1.317	1.425
1.500	0.560	0.734	0.932	1.153	1.398	1.500
1.575	0.595	0.779	0.988	1.222	1.480	1.575
1.600	0.607	0.795	1.007	1.245	1.507	1.600
1.650	0.632	0.826	1.046	1.291	1.563	1.650
1.800	0.707	0.921	1.163	1.434	1.733	1.800
1.950	0.785	1.020	1.285	1.581	1.908	1.950
2.100	0.867	1.123	1.411	1.733	2.087	2.100
2.250	0.952	1.229	1.541	1.889	2.272	2.250
2.400	1.040	1.339	1.676	2.050	2.462	2.400
2.550		1.453	1.814	2.216	2.657	2.550
2.700			1.957	2.386	2.857	2.700
2.850			2.105	2.561	3.062	2.850
3.000				2.741	3.273	3.000
3.200				2.989	3.562	3.200
3.400					3.861	3.400
3.600						3.600
3.800						3.800
4.000						4.000

PITWOOD

VOLUME (m^3) PER 100 PIECES

Length in Metres	Top Diameter (cm)					Length in Metres
	11	12	13	14	15	
0.375						0.375
0.400						0.400
0.450						0.450
0.500						0.500
0.525						0.525
0.550	0.554					0.550
0.600	0.608					0.600
0.650	0.662	0.783				0.650
0.675	0.689	0.815				0.675
0.750	0.772	0.913	1.065			0.750
0.825	0.856	1.011	1.179	1.361		0.825
0.875	0.912	1.077	1.256	1.449		0.875
0.900	0.941	1.111	1.295	1.493	1.706	0.900
0.975	1.027	1.212	1.412	1.628	1.859	0.975
1.025	1.085	1.280	1.491	1.718	1.962	1.025
1.050	1.114	1.314	1.531	1.764	2.013	1.050
1.125	1.203	1.418	1.651	1.901	2.170	1.125
1.175	1.263	1.488	1.732	1.994	2.275	1.175
1.200	1.293	1.524	1.773	2.041	2.327	1.200
1.275	1.385	1.630	1.896	2.181	2.487	1.275
1.350	1.477	1.738	2.020	2.324	2.648	1.350
1.425	1.571	1.848	2.146	2.467	2.811	1.425
1.500	1.666	1.958	2.274	2.613	2.976	1.500
1.575	1.763	2.070	2.403	2.760	3.142	1.575
1.600	1.795	2.108	2.446	2.810	3.198	1.600
1.650	1.861	2.184	2.533	2.909	3.310	1.650
1.800	2.060	2.416	2.799	3.211	3.651	1.800
1.950	2.265	2.653	3.071	3.520	4.000	1.950
2.100	2.475	2.896	3.349	3.836	4.355	2.100
2.250	2.691	3.144	3.634	4.158	4.718	2.250
2.400	2.912	3.399	3.924	4.487	5.087	2.400
2.550	3.138	3.660	4.221	4.823	5.464	2.550
2.700	3.370	3.926	4.525	5.165	5.848	2.700
2.850	3.608	4.199	4.835	5.515	6.240	2.850
3.000	3.852	4.478	5.151	5.871	6.639	3.000
3.200	4.185	4.859	5.583	6.358	7.182	3.200
3.400	4.529	5.252	6.027	6.856	7.739	3.400
3.600	4.884	5.655	6.483	7.368	8.309	3.600
3.800	5.249	6.071	6.952	7.893	8.893	3.800
4.000		6.497	7.432	8.430	9.491	4.000

PITWOOD

VOLUME (m^3) PER 100 PIECES

Length in Metres	Top Diameter (cm)					Length in Metres
	16	17	18	19	20	
0.375						0.375
0.400						0.400
0.450						0.450
0.500						0.500
0.525						0.525
0.550						0.550
0.600						0.600
0.650						0.650
0.675						0.675
0.750						0.750
0.825						0.825
0.875						0.875
0.900						0.900
0.975	2.105					0.975
1.025	2.221					1.025
1.050	2.279	2.562				1.050
1.125	2.455	2.759	3.080			1.125
1.175	2.574	2.891	3.227	3.581		1.175
1.200	2.633	2.957	3.301	3.663		1.200
1.275	2.812	3.158	3.524	3.910	4.315	1.275
1.350	2.994	3.361	3.749	4.158	4.589	1.350
1.425	3.177	3.565	3.976	4.409	4.865	1.425
1.500	3.362	3.772	4.205	4.662	5.143	1.500
1.575	3.549	3.980	4.436	4.917	5.423	1.575
1.600	3.611	4.050	4.514	5.003	5.517	1.600
1.650	3.737	4.190	4.669	5.174	5.705	1.650
1.800	4.120	4.617	5.142	5.695	6.277	1.800
1.950	4.510	5.051	5.623	6.225	6.858	1.950
2.100	4.908	5.493	6.112	6.763	7.448	2.100
2.250	5.313	5.943	6.609	7.310	8.047	2.250
2.400	5.726	6.402	7.115	7.866	8.655	2.400
2.550	6.146	6.868	7.629	8.431	9.273	2.550
2.700	6.574	7.342	8.152	9.005	9.900	2.700
2.850	7.010	7.824	8.684	9.588	10.537	2.850
3.000	7.453	8.315	9.224	10.180	11.183	3.000
3.200	8.057	8.982	9.958	10.983	12.059	3.200
3.400	8.675	9.664	10.707	11.803	12.952	3.400
3.600	9.307	10.361	11.472	12.639	13.863	3.600
3.800	9.953	11.073	12.253	13.492	14.791	3.800
4.000	10.614	11.800	13.050	14.362	15.736	4.000

PITWOOD

VOLUME (m^3) PER 100 LINEAL METRES

Length in Metres	Top Diameter (cm)					Length in Metres
	6	7	8	9	10	
0.375	0.304	0.410	0.531			0.375
0.400	0.306	0.411	0.533			0.400
0.450	0.309	0.415	0.537	0.675		0.450
0.500	0.311	0.418	0.541	0.679		0.500
0.525	0.313	0.420	0.543	0.681	0.835	0.525
0.550	0.314	0.422	0.545	0.683	0.838	0.550
0.600	0.317	0.425	0.549	0.688	0.842	0.600
0.650	0.320	0.429	0.552	0.692	0.847	0.650
0.675	0.322	0.430	0.554	0.694	0.850	0.675
0.750	0.326	0.435	0.560	0.701	0.857	0.750
0.825	0.331	0.441	0.566	0.707	0.864	0.825
0.875	0.334	0.444	0.570	0.712	0.869	0.875
0.900	0.335	0.446	0.572	0.714	0.872	0.900
0.975	0.340	0.451	0.578	0.721	0.879	0.975
1.025	0.343	0.455	0.582	0.725	0.884	1.025
1.050	0.345	0.457	0.584	0.728	0.887	1.050
1.125	0.349	0.462	0.590	0.734	0.894	1.125
1.175	0.353	0.466	0.594	0.739	0.899	1.175
1.200	0.354	0.467	0.596	0.741	0.902	1.200
1.275	0.359	0.473	0.603	0.748	0.909	1.275
1.350	0.364	0.478	0.609	0.755	0.917	1.350
1.425	0.368	0.484	0.615	0.762	0.924	1.425
1.500	0.373	0.489	0.621	0.769	0.932	1.500
1.575	0.378	0.495	0.627	0.776	0.940	1.575
1.600	0.380	0.497	0.629	0.778	0.942	1.600
1.650	0.383	0.500	0.634	0.783	0.947	1.650
1.800	0.393	0.512	0.646	0.797	0.963	1.800
1.950	0.403	0.523	0.659	0.811	0.978	1.950
2.100	0.413	0.535	0.672	0.825	0.994	2.100
2.250	0.423	0.546	0.685	0.840	1.010	2.250
2.400	0.433	0.558	0.698	0.854	1.026	2.400
2.550		0.570	0.711	0.869	1.042	2.550
2.700			0.725	0.884	1.058	2.700
2.850			0.738	0.899	1.074	2.850
3.000				0.914	1.091	3.000
3.200				0.934	1.113	3.200
3.400					1.135	3.400
3.600						3.600
3.800						3.800
4.000						4.000

PITWOOD

VOLUME (m^3) PER 100 LINEAL METRES

Length in Metres	Top Diameter (cm)					Length in Metres
	11	12	13	14	15	
0.375						0.375
0.400						0.400
0.450						0.450
0.500						0.500
0.525						0.525
0.550	1.008					0.550
0.600	1.013					0.600
0.650	1.018	1.205				0.650
0.675	1.021	1.208				0.675
0.750	1.029	1.217	1.420			0.750
0.825	1.037	1.225	1.429	1.649		0.825
0.875	1.042	1.231	1.436	1.656		0.875
0.900	1.045	1.234	1.439	1.659	1.896	0.900
0.975	1.053	1.243	1.448	1.670	1.907	0.975
1.025	1.059	1.249	1.455	1.676	1.914	1.025
1.050	1.061	1.252	1.458	1.680	1.917	1.050
1.125	1.070	1.261	1.468	1.690	1.928	1.125
1.175	1.075	1.267	1.474	1.697	1.936	1.175
1.200	1.078	1.270	1.477	1.700	1.939	1.200
1.275	1.086	1.279	1.487	1.711	1.950	1.275
1.350	1.094	1.288	1.496	1.721	1.962	1.350
1.425	1.103	1.297	1.506	1.732	1.973	1.425
1.500	1.111	1.306	1.516	1.742	1.984	1.500
1.575	1.119	1.315	1.526	1.752	1.995	1.575
1.600	1.122	1.318	1.529	1.756	1.999	1.600
1.650	1.128	1.324	1.535	1.763	2.006	1.650
1.800	1.144	1.342	1.555	1.784	2.029	1.800
1.950	1.161	1.360	1.575	1.805	2.051	1.950
2.100	1.179	1.379	1.595	1.827	2.074	2.100
2.250	1.196	1.398	1.615	1.848	2.097	2.250
2.400	1.213	1.416	1.635	1.870	2.120	2.400
2.550	1.231	1.435	1.655	1.891	2.143	2.550
2.700	1.248	1.454	1.676	1.913	2.166	2.700
2.850	1.266	1.473	1.696	1.935	2.189	2.850
3.000	1.284	1.493	1.717	1.957	2.213	3.000
3.200	1.308	1.519	1.745	1.987	2.244	3.200
3.400	1.332	1.545	1.773	2.017	2.276	3.400
3.600	1.357	1.571	1.801	2.047	2.308	3.600
3.800	1.381	1.598	1.829	2.077	2.340	3.800
4.000		1.624	1.858	2.107	2.373	4.000

PITWOOD

VOLUME (m^3) PER 100 LINEAL METRES

Length in Metres	Top Diameter (cm)					Length in Metres
	16	17	18	19	20	
0.375						0.375
0.400						0.400
0.450						0.450
0.500						0.500
0.525						0.525
0.550						0.550
0.600						0.600
0.650						0.650
0.675						0.675
0.750						0.750
0.825						0.825
0.875						0.875
0.900						0.900
0.975	2.159					0.975
1.025	2.167					1.025
1.050	2.171	2.440				1.050
1.125	2.182	2.452	2.738			1.125
1.175	2.190	2.460	2.746	3.048		1.175
1.200	2.194	2.465	2.751	3.052		1.200
1.275	2.206	2.477	2.764	3.066	3.385	1.275
1.350	2.218	2.489	2.777	3.080	3.399	1.350
1.425	2.229	2.502	2.790	3.094	3.414	1.425
1.500	2.241	2.514	2.803	3.108	3.428	1.500
1.575	2.253	2.527	2.817	3.122	3.443	1.575
1.600	2.257	2.531	2.821	3.127	3.448	1.600
1.650	2.265	2.540	2.830	3.136	3.458	1.650
1.800	2.289	2.565	2.857	3.164	3.487	1.800
1.950	2.313	2.590	2.883	3.192	3.517	1.950
2.100	2.337	2.616	2.910	3.221	3.547	2.100
2.250	2.361	2.642	2.937	3.249	3.576	2.250
2.400	2.386	2.667	2.965	3.278	3.606	2.400
2.550	2.410	2.693	2.992	3.306	3.637	2.550
2.700	2.435	2.719	3.019	3.335	3.667	2.700
2.850	2.460	2.745	3.047	3.364	3.697	2.850
3.000	2.484	2.772	3.075	3.393	3.728	3.000
3.200	2.518	2.807	3.112	3.432	3.768	3.200
3.400	2.551	2.842	3.149	3.471	3.810	3.400
3.600	2.585	2.878	3.187	3.511	3.851	3.600
3.800	2.619	2.914	3.224	3.551	3.892	3.800
4.000	2.654	2.950	3.262	3.590	3.934	4.000

Printed in England for Her Majesty's Stationery Office by Wells KPL Swindon Press Swindon, Wilts.
(3015) Dd. 505987 K64 5/73

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