

2.0 Gang-Lam®S LVL

Span in feet	1 3/4" X 9 1/2"						1 3/4" X 11 1/4"						1 3/4" X 11 7/8"						1 3/4" X 14"					
	Number of members						Number of members						Number of members						Number of members					
	1		2		3		1		2		3		1		2		3		1		2		3	
	L.L. L/360	L.L. + D.L.	L.L. L/360	L.L. + D.L.	L.L. L/360	L.L. + D.L.	L.L. L/360	L.L. + D.L.	L.L. L/360	L.L. + D.L.	L.L. L/360	L.L. + D.L.	L.L. L/360	L.L. + D.L.	L.L. L/360	L.L. + D.L.	L.L. L/360	L.L. + D.L.	L.L. L/360	L.L. + D.L.	L.L. L/360	L.L. + D.L.	L.L. L/360	L.L. + D.L.
8	5344	5344	10688	10688	16032	16032	6632	6632	13264	13264	19896	19896	7120	7120	14240	14240	21360	21360	8920	8920	17840	17840	26760	26760
9	4572	5202	9144	10404	13716	15606	6408	6408	12816	12816	19224	19224	6867	6867	13734	13734	20601	20601	8523	8523	17046	17046	25569	25569
10	3700	5090	7400	10180	11100	15270	6150	6250	12300	12500	18450	18750	6680	6680	13360	13360	20040	20040	8240	8240	16480	16480	24720	24720
11	3058	4598	6116	9196	9174	13794	5082	6116	10164	12232	15246	18348	5984	6534	11968	13068	17952	19602	8019	8019	16038	16038	24057	24057
12	2568	3864	5136	7728	7704	11592	4272	6012	8544	12024	12816	18036	5028	6420	10056	12840	15084	19260	7836	7836	15672	15672	23508	23508
13	2197	3289	4394	6578	6591	9867	3640	5460	7280	10920	10920	16380	4277	6318	8554	12636	12831	18954	7020	7696	14040	15392	21060	23088
14	1890	2842	3780	5684	5670	8526	3136	4704	6272	9408	9408	14112	3696	5544	7392	11088	11088	16632	6048	7574	12096	15148	18144	22722
15	1650	2475	3300	4950	4950	7425	2730	4095	5460	8190	8190	12285	3210	4830	6420	9660	9630	14490	5265	7485	10530	14970	15795	22455
16	1440	2176	2880	4352	4320	6528	2400	3600	4800	7200	7200	10800	2832	4240	5664	8480	8496	12720	4624	6944	9248	13888	13872	20832
17	1275	1921	2550	3842	3825	5763	2125	3196	4250	6392	6375	9588	2499	3757	4998	7514	7497	11271	4097	6154	8194	12308	12291	18462
18	1152	1710	2304	3420	3456	5130	1890	2844	3780	5688	5670	8532	2232	3348	4464	6696	6696	10044	3654	5490	7308	10980	10962	16470
19	1026	1539	2052	3078	3078	4617	1710	2565	3420	5130	5130	7695	1995	3002	3990	6004	5985	9006	3287	4921	6574	9842	9861	14763
20	920	1380	1840	2760	2760	4140	1540	2300	3080	4600	4620	6900	1800	2720	3600	5440	5400	8160	2960	4440	5920	8880	8880	13320
21							1386	2100	2772	4200	4158	6300	1638	2457	3276	4914	4914	7371	2688	4032	5376	8064	8064	12096
22							1276	1914	2552	3828	3828	5742	1496	2244	2992	4488	4488	6732	2442	3674	4884	7348	7326	11022
23							1173	1748	2346	3496	3519	5244	1357	2047	2714	4094	4071	6141	2231	3358	4462	6716	6693	10074
24							1080	1608	2160	3216	3240	4824	1248	1896	2496	3792	3744	5688	2064	3096	4128	6192	6192	9288
25							975	1475	1950	2950	2925	4425	1150	1725	2300	3450	3450	5175	1800	2850	3800	5700	5700	8550
26																			1742	2626	3484	5252	5226	7878
27																			1620	2430	3240	4860	4860	7290
28																			1512	2268	3024	4536	4536	6804

NOTES:

1. This table is for guidelines only. Refer to *LP Gang-Lam Reference Tables* for complete design info.
2. Chart assumes beams are simple span supporting uniformly distributed loads only.
3. Two and three member beams must be properly fastened together. For top loaded beams use two rows of 16d nails @ 12" O.C. (Use three rows of 16d nails @ 12" O.C. for 14" beams.) For side loaded beams refer to *LP Gang-Lam Reference Tables*.
4. L.L. = Live Load; D.L. = Dead Load
5. Louisiana-Pacific recommends that the bearing at each end of the beam be a minimum of 3" (two studs).

Allowable Total Loads for Beams Supporting Roofs

2.0 Gang-Lam® S LVL

Span in feet	1 3/4" X 9 1/2"						1 3/4" X 11 1/4"						1 3/4" X 11 7/8"						1 3/4" X 14"					
	Number of members						Number of members						Number of members						Number of members					
	1		2		3		1		2		3		1		2		3		1		2		3	
	L.L. L/240	L.L. + D.L.	L.L. L/240	L.L. + D.L.	L.L. L/240	L.L. + D.L.	L.L. L/240	L.L. + D.L.	L.L. L/240	L.L. + D.L.	L.L. L/240	L.L. + D.L.	L.L. L/240	L.L. + D.L.	L.L. L/240	L.L. + D.L.	L.L. L/240	L.L. + D.L.	L.L. L/240	L.L. + D.L.	L.L. L/240	L.L. + D.L.	L.L. L/240	L.L. + D.L.
8	6144	6144	12288	12288	18432	18432	7624	7624	15248	15248	22872	22872	8184	8184	16368	16368	24552	24552	10256	10256	20512	20512	30768	30768
9	5985	5985	11970	11970	17955	17955	7371	7371	14742	14742	22113	22113	7893	7893	15786	15786	23679	23679	9801	9801	19602	19602	29403	29403
10	5560	5860	11120	11720	16680	17580	7180	7180	14360	14360	21540	21540	7680	7680	15360	15360	23040	23040	9470	9470	18940	18940	28410	28410
11	4598	5687	9196	11374	13794	17061	7040	7040	14080	14080	21120	21120	7513	7513	15026	15026	22539	22539	9218	9218	18436	18436	27654	27654
12	3864	5148	7728	10296	11592	15444	6408	6912	12816	13824	19224	20736	7380	7380	14760	14760	22140	22140	9012	9012	18024	18024	27036	27036
13	3289	4381	6578	8762	9867	13143	5460	6747	10920	13494	16380	20241	6422	7267	12844	14534	19266	21801	8853	8853	17706	17706	26559	26559
14	2842	3780	5684	7560	8526	11340	4704	6272	9408	12544	14112	18816	5544	6986	11088	13972	16632	20958	8722	8722	17444	17444	26166	26166
15	2475	3300	4950	6600	7425	9900	4095	5475	8190	10950	12285	16425	4830	6435	9660	12870	14490	19305	7905	8595	15810	17190	23715	25785
16	2176	2896	4352	5792	6528	8688	3600	4800	7200	9600	10800	14400	4224	5648	8448	11296	12672	16944	6944	8496	13888	16992	20832	25488
17	1921	2567	3842	5134	5763	7701	3196	4250	6392	8500	9588	12750	3757	5015	7514	10030	11271	15045	6154	7990	12308	15980	18462	23970
18	1710	2286	3420	4572	5130	6858	2844	3798	5688	7596	8532	11394	3348	4464	6696	8928	10044	13392	5490	7326	10980	14652	16470	21978
19	1539	2052	3078	4104	4617	6156	2565	3401	5130	6802	7695	10203	3002	4009	6004	8018	9006	12027	4921	6574	9842	13148	14763	19722
20	1380	1860	2760	3720	4140	5580	2300	3080	4600	6160	6900	9240	2720	3620	5440	7240	8160	10860	4440	5920	8880	11840	13320	17760
21	1260	1680	2520	3360	3780	5040	2100	2793	4200	5586	6300	8379	2457	3276	4914	6552	7371	9828	4032	5376	8064	10752	12096	16128
22	1144	1540	2288	3080	3432	4620	1914	2552	3828	5104	5742	7656	2244	2992	4488	5984	6732	8976	3674	4906	7348	9812	11022	14718
23	1058	1403	2116	2806	3174	4209	1748	2323	3496	4646	5244	6969	2047	2737	4094	5474	6141	8211	3358	4485	6716	8970	10074	13455
24							1608	2136	3216	4272	4824	6408	1896	2520	3792	5040	5688	7560	3096	4128	6192	8256	9288	12384
25							1475	1975	2950	3950	4425	5925	1725	2325	3450	4650	5175	6975	2850	3800	5700	7600	8550	11400
26							1378	1820	2756	3640	4134	5460	1612	2132	3224	4264	4836	6396	2626	3510	5252	7020	7878	10530
27							1269	1701	2538	3402	3807	5103	1485	1998	2970	3996	4455	5994	2430	3240	4860	6480	7290	9720
28							1176	1568	2352	3136	3528	4704	1372	1848	2744	3696	4116	5544	2268	3024	4536	6048	6804	9072

- NOTES:**
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 - Chart assumes beams are simple span supporting uniformly distributed loads only.
 - Two and three member beams must be properly fastened together. For top loaded beams use two rows of 16d nails @ 12" O.C. (Use three rows of 16d nails @ 12" O.C. for 14" beams.) For side loaded beams refer to *LP Gang-Lam Reference Tables*.
 - For deflection limits of L/180, multiply actual total live load on beam by 0.75 and refer to L/240 column.
 - L.L. = Live Load; D.L. = Dead Load
 - Louisiana-Pacific recommends that the bearing at each end of the beam be a minimum of 3" (two studs).