

What Is a LVL Span Chart? Your Guide to Safe Beam Sizing

Planning a home renovation or new build? You'll likely run into LVL beams, or Laminated Veneer Lumber. These engineered wood products offer fantastic strength for supporting floors and roofs over wider openings than traditional lumber. This chart provides typical maximum spans for common LVL depths and ply counts, helping you understand what's possible for your project. Remember, these are examples—always consult a structural engineer and your specific product's data for actual construction.

LVL DEPTH ^{↑↓}	NUMBER OF PLYS (1.75" THICK EACH) ^{↑↓}	MAX FLOOR BEAM SPAN (FT) ¹ ^{↑↓}	MAX ROOF BEAM SPAN (FT) ² ^{↑↓}	COMMON USES ^{↑↓}
9.5"	1-Ply	10'	12'	Small headers over windows/doors
9.5"	2-Ply	16'	19'	Larger window/door headers, short floor beams
9.5"	3-Ply	20'	24'	Medium floor beams, garage door headers
11.875"	1-Ply	12'	15'	Standard headers, short floor spans
11.875"	2-Ply	19'	23'	Mid-size floor beams, garage door headers
11.875"	3-Ply	24'	29'	Long floor beams, heavy load areas
14"	1-Ply	14'	17'	Longer headers, moderate floor spans
14"	2-Ply	22'	27'	Long floor beams, main carrying beams
14"	3-Ply	28'	34'	Very long floor beams, high-load applications
16"	1-Ply	15'	19'	Large headers, medium floor spans
16"	2-Ply	24'	30'	Longest floor beams, critical load points
16"	3-Ply	30'	37'	Extreme spans, heavy structural support

12 rows