

ALLOWABLE UNIFORM LOAD (PLF) – 9½" AND 11½" JOISTS

Header Span	Load Duration	2x4 Wall				2x6 Wall		
		Single Joist	Double Joist			Double Joist		
		PWI-90	PRI-20	PRI-30	PRI-50	PRI-40	PRI-60	PRI-70
3 feet	Floor (100%)	640	830	946	1016	1080	1080	1160
	Snow (115%)	736	955	1088	1168	1242	1242	1334
	Non-Snow (125%)	800	1038	1183	1270	1350	1350	1450
4 feet	Floor (100%)	427	554	630	676	720	720	774
	Snow (115%)	491	637	725	777	828	828	890
	Non-Snow (125%)	534	693	788	845	900	900	968
5 feet	Floor (100%)	400	518	590	634	676	676	726
	Snow (115%)	460	596	679	729	777	777	835
	Non-Snow (125%)	500	648	738	793	845	845	908
6 feet	Floor (100%)	320	416	472	508	540	540	580
	Snow (115%)	368	478	543	584	621	621	667
	Non-Snow (125%)	400	520	590	635	675	675	725
7 feet	Floor (100%)	315	388	436	466	494	494	534
	Snow (115%)	358	440	494	528	560	560	606
	Non-Snow (125%)	389	480	536	574	608	608	658
8 feet	Floor (100%)	276	340	382	408	432	432	468
	Snow (115%)	313	386	432	462	490	490	530
	Non-Snow (125%)	340	420	470	504	532	532	576

Notes:

1. Round the actual header clear span up to the next whole foot. Do not interpolate between spans.
2. Table values are based on equal concentrated loads from joists or rafters spaced up to 24 inches on center.
3. This table was designed to apply to a broad range of applications. It may be possible to exceed the limitations of this table by analyzing a specific application with beam sizing software.
4. Refer to the Allowable Uniform Load tables in the User's Guide for header spans longer than 8 feet.

SUPPORT OPTIONS:

