

Table F.1: Tension perpendicular-to-grain test variables for Douglas-fir

Specimen ID	Tension Area (in <sup>2</sup> )	Maximum Load (lbs)	Tensile Strength (psi)
1	1.494	268	179
2	1.49	404	271
3	1.499	481	321
4	1.497	468	313
5	1.528	425	278
6	1.5	300	200
7	1.485	285	192
8	1.373	342	249
9	1.48	373	252
10	1.492	383	256
11	1.508	374	248
12	1.436	385	268
13	1.505	327	217
14	1.525	679	445
15	1.379	329	238
16	1.51	461	305
17	1.504	422	280
18	1.479	324	219
19	1.5	349	233
20	1.57	340	216
21	1.398	453	324
22	1.495	478	320
23	1.497	354	236
24	1.48	346	234
25	1.512	294	194
26	1.478	280	189
27	1.488	428	288
28	1.512	398	263

Mean
Std Dev
COV

258
56
0.217

Table F.2: Tension perpendicular-to-grain test variables for spruce-pine-fir

Specimen ID	Tension Area (in <sup>2</sup> )	Maximum Load (lbs)	Tensile Strength (psi)
1	1.453	328	226
2	1.45	308	212
3	1.443	517	358
4	1.472	378	257
5	1.48	169	114
6	1.566	265	169
7	1.47	247	168
8	1.485	454	306
9	1.49	489	328
10	1.474	363	246
11	1.458	456	313
12	1.473	410	278
13	1.471	396	269
14	1.497	458	306
15	1.487	468	314
16	1.489	443	297
17	1.461	463	317
18	1.47	412	280
19	1.48	498	336
20	1.48	540	365
21	1.479	662	448
22	1.472	404	274
23	1.463	320	218
24	1.48	487	329
25	1.476	449	304
26	1.443	470	326
27	1.482	375	253
28	1.465	518	353

Mean
Std Dev
COV

285
69
0.242