



Independent laboratory compression testing was done on four (4) dunnage samples with different levels of foam. The samples were labeled: Control, Standard, Less Foam, and Little Foam. Each was cut to the same length of approximately 12 inches. "Control" had no foam, "Standard" had the normal amount of foam, "Less Foam" had less foam than Standard and "Little Foam" had minimal amount of foam.

The samples were placed onto the compression table, shown in Figure 1 below, which has a maximum capacity of 30,000 lbs compressive force. Performance during compression testing was determined by peak load (lbs.) and deflection (inches). The Control, Less Foam, and Little Foam samples were all able to survive the equipment's maximum compressive load without noticeable damage. The Standard sample was the only recorded sample that peaked with a peak load of 24,781 lbs and a deflection of 1.1 inches.

**Compression Testing Results**

Sample	Length (inches)	Width (inches)	Height (inches)	Weight (lbs.)	Deflection at Peak Load (inches)	Peak Load (lbs.)
Control	12	2.23	1.73	1.44	0.3894	29,972
Standard	12	2.03	1.86	0.774	1.1016	24,781
Less Foam	12	2.00	1.83	1.212	0.5029	29,527
Little Foam	12	1.95	1.87	1.218	0.5200	29,541

