

Sanipull Anti-Ligature Ribbon Testing Results

Test Date 12-Apr-12
Tested By Charles High and Bob Joynt
Force Gauge Shimpo, FGE-50X, Serial # Z9203D047
Temperature 21 - 22 °C
Anti-ligature punched hole diameter 5/16" nominal every 6"



Sample Test #	Sanipull Ribbon Colour		
	Red Ribbon	Blue Ribbon	Green Ribbon
1	27.8	30.7	30.9
2	24.6	28.6	29.9
3	28.9	28.4	30.7
4	26.7	28.2	31.7
5	28.6	29.8	32.4
6	27.3	28.3	32.0
7	27.9	28.5	29.3
8	27.7	32.2	30.5
9	28.4	31.6	31.9
10	29.5	30.9	29.5
11	29.6	31.1	30.4
12	30.0	29.6	29.3
13	30.2	29.9	30.2
14	30.8	30.9	29.3
15	30.5	27.8	31.0
16	29.0	30.5	30.6
17	30.9	30.0	32.0
18	28.5	30.2	29.6
19	28.3	31.7	32.6
20	29.8	29.5	31.7
21	28.3	29.6	28.7
22	29.9	29.5	27.9
23	26.6	31.4	28.0
24	28.3	31.8	28.3
25	29.0	31.4	29.0
26	30.8	31.0	30.2
27	27.7	28.0	29.7
28	27.3	30.4	29.4
29	30.2	29.5	29.7
30	27.0	32.2	30.3

Std. Deviation	1.5	1.3	1.3
Alpha	0.05	0.05	0.05
Confidence	0.53	0.47	0.46
Sample size	30	30	30
Average	28.7	30.1	30.2

RESULTS OF TEST

95% of the time red anti-ligature ribbon will break between 28.1 and 29.2 lbs. 13 +/- 1 Kg

95% of the time blue anti-ligature ribbon will break between 29.6 and 30.6 lbs. 13 +/- 1 Kg

95% of the time green anti-ligature ribbon will break between 29.8 and 30.7 lbs. 13 +/- 1 Kg