

**ASTM F 2412-2011  
IMPACT & COMPRESSION**

**PRODUCT DESCRIPTION: Model FW63, UFW63, FW 64, UFW64, FW05, UFW05**

**IMPACT:**

SAMPLE NO.	GATE SPEED (ms)	GATE VELOCITY (in/sec)	CLEARANCE AFTER IMPACT (mm)
1	8.57	116.7	19.76
2	8.47	118.1	18.96
3	8.58	116.6	19.11

**COMPRESSION:**

SAMPLE NO.	FORCE APPLIED (lbf)	CLEARANCE AFTER IMPACT (mm)
1	2501.0	21.11
2	2501.2	23.16
3	2500.4	22.99

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PUNCTURE RESISTANCE:**

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SPECIMEN NO.	PUNCTURE NO.	SPECIMEN THICKNESS (mils)	FORCE APPLIED (N)	PUNCTURE (YES/NO)
1	1	29.1	1200	NO
	2	26.6	1200	NO
	3	29.2	1200	NO
2	1	30.2	1200	NO
	2	31.2	1200	NO
	3	27.2	1200	NO
3	1	29.7	1200	NO
	2	31.2	1200	NO
	3	32.5	1200	NO
<b>AVERAGE</b>		29.7	1200.00	