

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

PRODUCT DESCRIPTION: Model FW16, UFW16, FW17, UFW17

**IMPACT:**

SAMPLE NO.	GATE SPEED (ms)	GATE VELOCITY (in/sec)	CLEARANCE AFTER IMPACT (mm)
1	8.58	116.6	20.31
2	8.56	116.8	19.93
3	8.56	116.8	18.29

**COMPRESSION:**

SAMPLE NO.	FORCE APPLIED (lbf)	CLEARANCE AFTER IMPACT (mm)
1	2501.0	18.73
2	2500.7	17.58
3	2500.4	21.69

**ASTM F 2412-2011  
PUNCTURE RESISTANCE**

PRODUCT DESCRIPTION: Model FW16, UFW16

SPECIMEN NO.	PUNCTURE NO.	SPECIMEN THICKNESS (mils)	FORCE APPLIED (N)	PUNCTURE (YES/NO)
1	1	30.4	1200	NO
	2	30.8	1200	NO
	3	28.1	1200	NO
2	1	28.9	1200	NO
	2	32.6	1200	NO
	3	34.6	1200	NO
3	1	29.2	1200	NO
	2	29.3	1200	NO
	3	27.4	1200	NO
<b>AVERAGE</b>		30.1	1200.00	