

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

PRODUCT DESCRIPTION: Model FC60, UFC60, FC61, UFC61

IMPACT:

| SAMPLE NO. | GATE SPEED (ms) | GATE VELOCITY (in/sec) | CLEARANCE AFTER IMPACT (mm) |
|------------|-----------------|------------------------|-----------------------------|
| 1 | 8.51 | 117.5 | 14.51 |
| 2 | 8.55 | 117.0 | 13.86 |
| 3 | 8.54 | 117.1 | 16.81 |

COMPRESSION:

| SAMPLE NO. | FORCE APPLIED (lbf) | CLEARANCE AFTER IMPACT (mm) |
|------------|---------------------|-----------------------------|
| 1 | 2501.3 | 24.03 |
| 2 | 2501.9 | 22.71 |
| 3 | 2501.0 | 25.29 |

ASTM F 2412-2011
PUNCTURE RESISTANCE:

PRODUCT DESCRIPTION: Model FC60, UFC60, FC61, UFC61

| SPECIMEN NO. | PUNCTURE NO. | SPECIMEN THICKNESS (mils) | FORCE APPLIED (N) | PUNCTURE (YES/NO) |
|----------------|--------------|---------------------------|-------------------|-------------------|
| 1 | 1 | 177.9 | 1200 | NO |
| | 2 | 177.7 | 1200 | NO |
| | 3 | 178.5 | 1200 | NO |
| 2 | 1 | 179.6 | 1200 | NO |
| | 2 | 178.9 | 1200 | NO |
| | 3 | 180.2 | 1200 | NO |
| 3 | 1 | 179.0 | 1200 | NO |
| | 2 | 178.7 | 1200 | NO |
| | 3 | 178.4 | 1200 | NO |
| AVERAGE | | | 1200.00 | |

**ASTM F 2412-2011
STATIC DISSIPATIVE****PRODUCT DESCRIPTION: Style F19, UF19 (Model FC60, UFC60, FC61, UFC61)**

| SAMPLE | RESULTS (Mega Ohm) | | | AVERAGE |
|-------------------|---------------------------|---------|---------|----------------|
| RIGHT FOOT | 1999.00 | 3332.33 | 2499.00 | 2610.11 |
| LEFT FOOT | 6665.67 | 2221.22 | 2856.14 | 3914.34 |
| BOTH FEET | 1817.18 | 1665.67 | 9999.00 | 4493.95 |