

# General Recommendations

## Must be tested for extreme applications

As part of a standard classification system for rubber products these general specifications present conservative engineering minimums which should be used for design criteria.



### EPDM Master Flash® Engineering Specifications

ASTM D2000 M3 BA51 A14 B13 F17 Z1 Z2 Z3 Z4 Z5 Z6 Z7	
<b>GRADE 3</b>	
<b>TYPE B</b>	GENERALTEST TEMP100C
<b>CLASS A</b>	VOLUME SWELL NO REQ
<b>5</b>	50 DUROMETER (RANGE)
<b>10</b>	TENSILE 10 MPa (APPROX 1450 PSI)
<b>A14</b>	HEAT AGING 70 hrs @ 100C
<b>B13</b>	COMPRESSION SET 22 hrs @ 70C MAX 25% ASTM D395B
<b>F17</b>	LOW TEMPERATURE BRITTLINESS 3 min @ -40C PASS ASTM D2137 A, 9.3.2
<b>Z1</b>	55 DUROMETER (SPECIFIC TARGET)

### SILICONE Master Flash® Engineering Specifications

ASTM D2000 M4 GE 505 A19 B37 F19 Z1 Z2 Z3 Z4	
<b>GRADE 4</b>	
<b>TYPE G</b>	GENERALTEST TEMP225C
<b>CLASS E</b>	VOLUME SWELL MAX 80%
<b>5</b>	50 DUROMETER (RANGE)
<b>05</b>	TENSILE 5 MPa (MINIMUM 725 PSI)
<b>A19</b>	HEAT AGING 70 hrs @ 225C CHANGE IN HARDNESS MAX + 10 pts CHANGE IN TENSILE MAX -30% CHANGE IN ULTIMATE ELONGATION MAX -30%
<b>B37</b>	COMPRESSION SET 22 hrs @ 175C MAX 50% ASTM D395B
<b>Z1</b>	55 DUROMETER (SPECIFIC TARGET)

The “Z” Parameters are proprietary standards adopted by Aztec Washer to more clearly indicate the type of material and its superior performance characteristics as related to the typical pipe flashing environment.

NOTE: the additional of “Z3” to assure compliance with international building codes and “Z4” which clearly exceeds the performance required by the industry standard, “C12”.

The Master Flash pipe flashing enjoys the only listing granted to date by the International Association of Plumbing and Mechanical Officials and carries the U.P.C. (Uniform Plumbing Code) seal.

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Specifications subject to change without notice.