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AS PART OF A STANDARD CLASSIFICATION SYSTEM FOR RUBBER PRODUCTS THESE GENERAL SPECIFICATIONS PRESENT CONSERVATIVE ENGINEERING MINIMUMS WHICH SHOULD BE USED FOR DESIGN CRITERIA.

GENERAL RECOMMENDATIONS MUST BE TESTED FOR EXTREME APPLICATIONS

EPDM MASTER FLASH® ENGINEERING SPECIFICATIONS	
ASTM D2000 M3 BA510 A14 B13 C12 F17 Z1 Z2 Z3 Z4 Z5 Z6 Z7	
GRADE 3	
TYPE B	GENERAL TEST TEMP 100C
CLASS A	VOLUME SWELL NO REQ
5	50 DUROMETER (RANGE)
10	TENSILE 10 MPa (APPROX 1450 PSI)
A14	HEAT AGING 70 hrs @ 100C
B13	COMPRESSION SET 22 hrs @ 70C
	MAX 25% ASTM D395B
C12	OZONE RESISTANCE
	70 hrs @ 50pphm ASTM D1171
	100% QUALITY RETENTION
F17	LOW TEMPERATURE BRITTLINESS
	3 min @ -40C PASS ASTM D2137 A, 9.3.2
Z1	55 DUROMETER (SPECIFIC TARGET)
Z2	EPDM (SPECIFIC ELASTOMER)
Z3	HORIZONTAL FLAME RESISTANCE, UL 94
	NOT TO EXCEED 3" / min
Z4	OZONE RESISTANCE ADVANCED REQUIREMENT
	70 hrs @ 500 pphm @ 100F
Z5	ACCELERATED WEATHERING RESISTANCE
	(U.V. LIGHT), ASTM G-53
Z6	TEAR RESISTANCE, ASTM D-624, DIE "C"
Z7	RESISTANCE TO DISCOLORATION,
	ASTM D-1148 (GREY ONLY)

SILICONE MASTER FLASH® ENGINEERING SPECIFICATIONS	
ASTM D2000 M4 GE 505 A19 B37 C12 F19 G11 Z1 Z2 Z3 Z4	
GRADE 4	
TYPE G	GENERAL TEST TEMP 225C
CLASS E	VOLUME SWELL MAX 80%
5	50 DUROMETER (RANGE)
05	TENSILE 5 MPa (MINIMUM 725 PSI)
A19	HEAT AGING 70 hrs @ 225C
	CHANGE IN HARDNESS MAX + 10 pts
	CHANGE IN TENSILE MAX -30%
	CHANGE IN ULTIMATE ELONGATION MAX -30%
B37	COMPRESSION SET 22 hrs @ 175C
	MAX 50% ASTM D395B
C12	OZONE RESISTANCE
	70 hrs @ 50pphm PASS ASTM D1171
F19	LOW TEMPERATURE BRITTLINESS
	3 min @ -55C PASS ASTM D2137 A, 9. 3. 2
G11	TEAR RESISTANCE, ASTM D-624, DIE "B"
Z1	55 DUROMETER (SPECIFIC TARGET)
Z2	SILICONE (SPECIFIC ELASTOMER)
Z3	HORIZONTAL FLAME RESISTANCE, UL 94
	NOT TO EXCEED 3" / min
Z4	OZONE RESISTANCE ADVANCED REQUIREMENT
	70 hrs @ 500 pphm @ 100F

THE "Z" PARAMETERS ARE PROPRIETARY STANDARDS ADOPTED BY AZTEC 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.

CONTACT US AT ANY TIME FOR ANY ADDITIONAL INFORMATION.

