

EMI - Electromagnetic Interference
RFI - Radio Frequency Interference

A reliable and adjustable SHIELDING SYSTEM for continuous-use doors

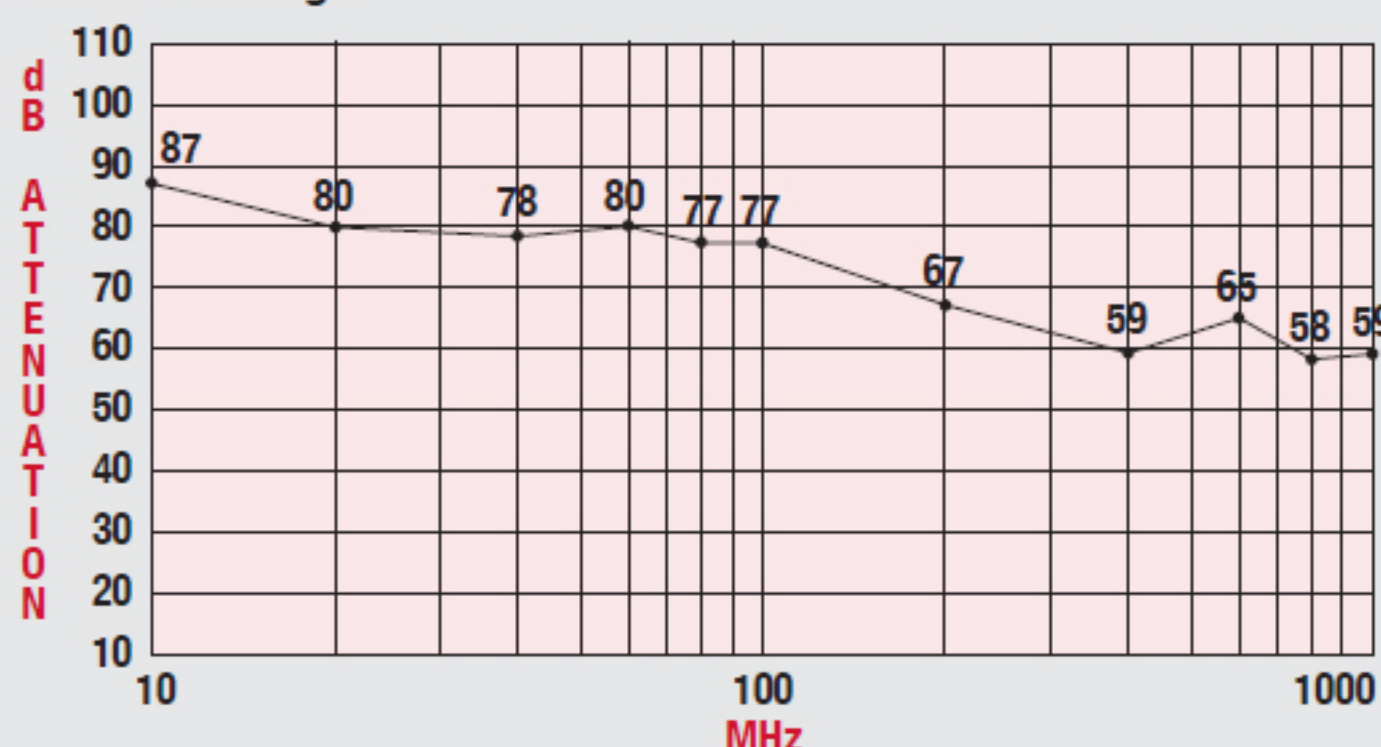
The EMI/RFI door sealing system consists of multiple head, jamb and saddle seals that block electromagnetic and radio frequency interference at door openings. The system has practical applications for laboratories, hospitals, brokerage houses, embassies, and rooms in companies using sensitive electronic equipment.

All aluminum parts have an irridate finish (MIL-C5541 CLASS III) to ensure maximum electrical conductivity across the gasket-flange interface. This coating also keeps the metal from forming an insulating oxide film that might act to break the circuit. Solid carbon-filled silicone rubber gaskets complete the electrical circuit while forming a tight seal against the door and saddle. The system is adjustable to compensate for any door or frame misalignment. Installation consultation is available from ZERO.

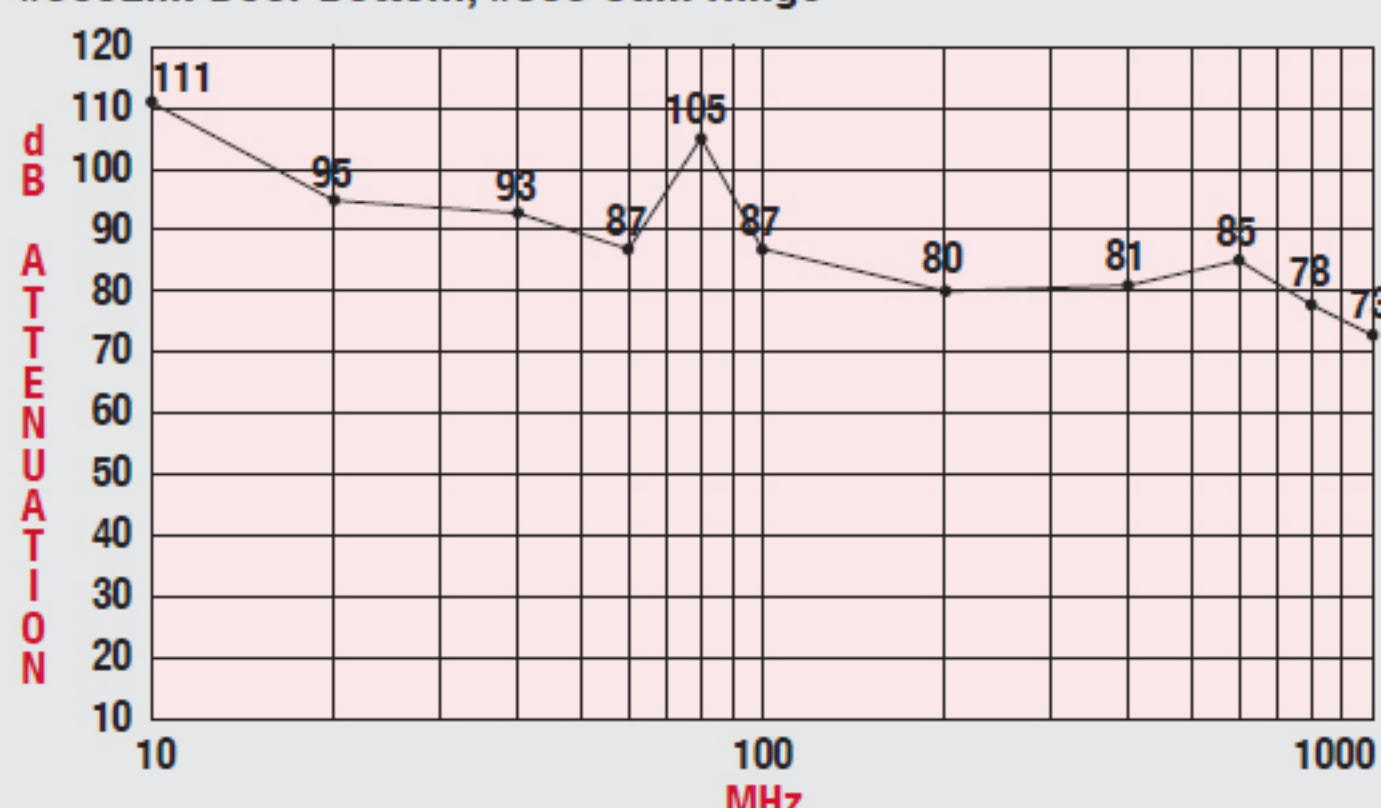
Tested in accordance with requirements of MIL-STD-285 (ATTENUATION MEASUREMENT FOR ENCLOSURES, ELECTROMAGNETIC SHIELDING) and NSA SPECIFICATIONS 73-2A performed for electric field attenuation over the frequency range 10 MHz to 1 GHz.

Certificate of compliance is available upon request.

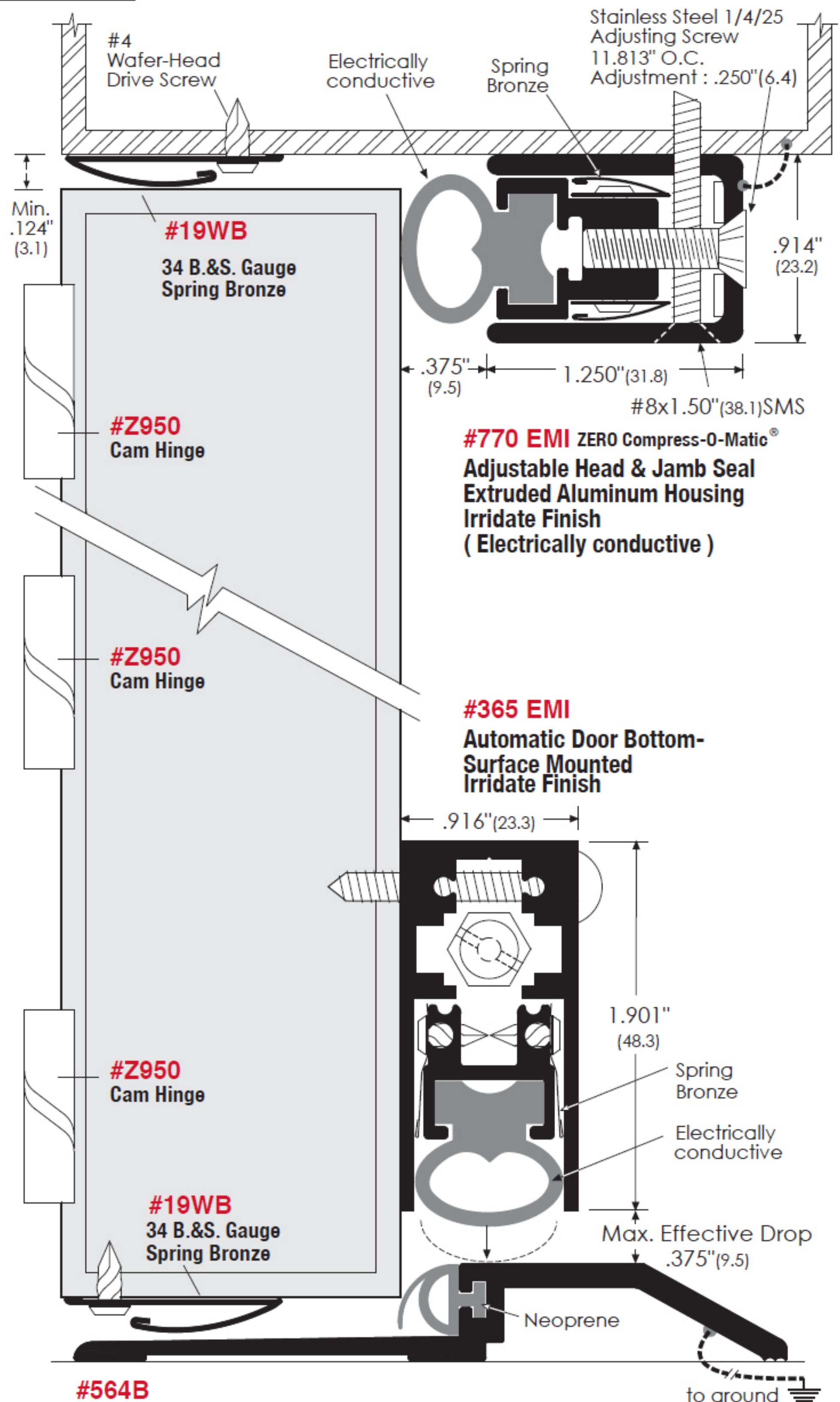
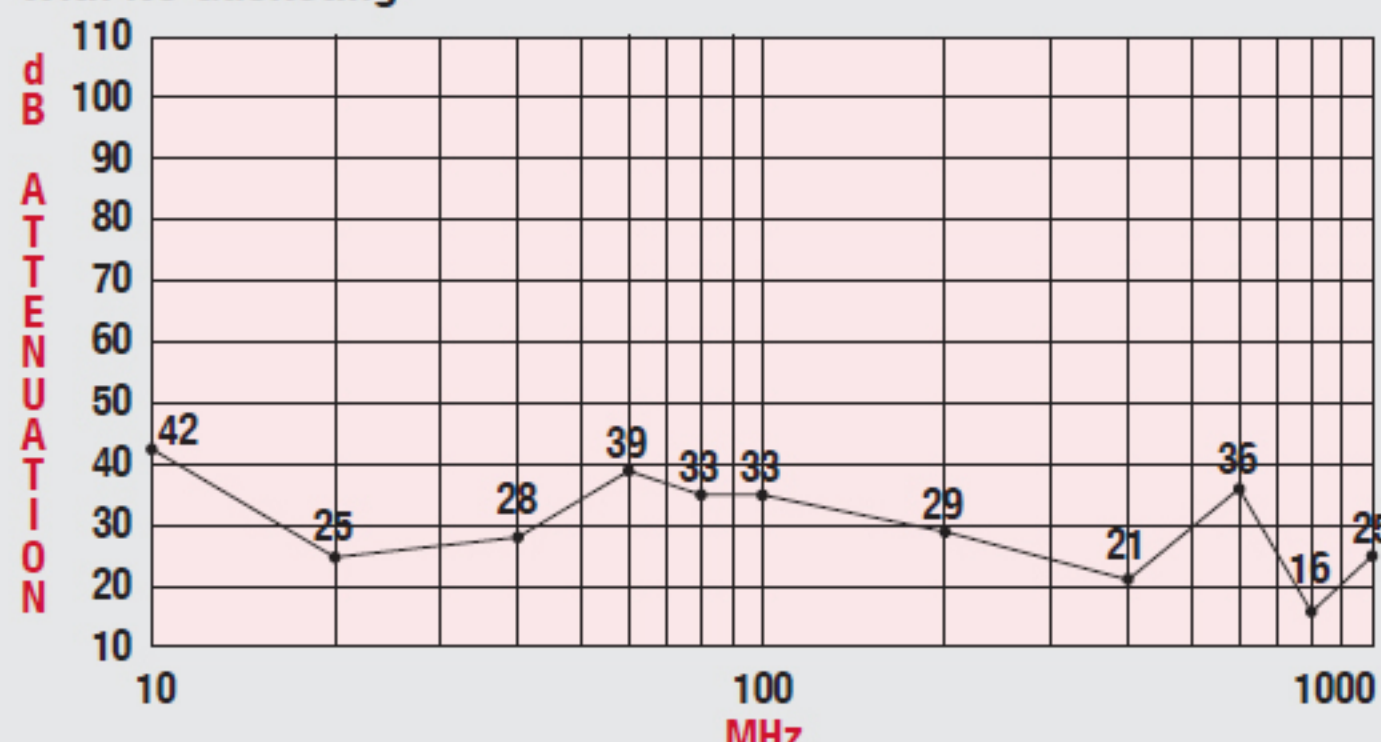
With #564B Threshold, #770EMI Head/Jamb, #365EMI Door Bottom, #950 Cam Hinge



With #564B Threshold, #770EMI Head/Jamb, #19W Head/Jamb/Sill, #365EMI Door Bottom, #950 Cam Hinge



With No Gasketing



EMI Gasketing: Silicone Rubber, Solid Carbon-Filled		
Property	Test Method	Silicone Rubber
Volume-Resistivity, (ohm-cm)	ASTM D991	5.0
Durometer, Shore A	ASTM D2240	60
Tensile, Strength, (psi, min.)	ASTM D412	800
Elongation, (%)	ASTM D412	300
Tear Strength, (ppi)	ASTM D624	70
Compression Set, 70h @212, (%)	ASTMD395D	22
Shielding Effectiveness, 20 MHz-10GHz, E-field, (dB, min.)	MIL-G-83528	40