



Product Application Sketches

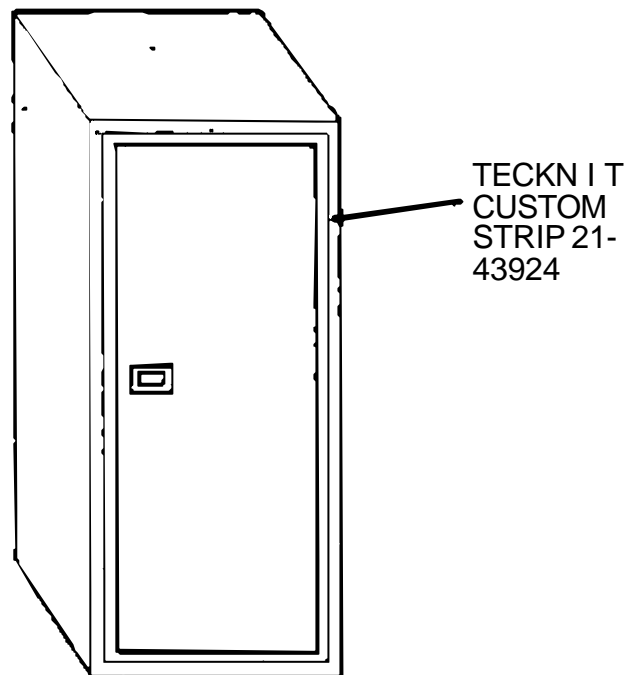
EMI SHIELDING

CASE HISTORY REFERENCE

PAS-27

Problem:

EFFECTIVELY SHIELD AND SEAL AN ENCLOSURE BOX DESIGNED TO HOUSE ELECTRONIC AND ELECTRICAL CONTROL EQUIPMENT, INSTRUMENTS AND METERS IN INSTALLATIONS WHERE ELECTROMAGNETIC COMPATIBILITY AND/OR SYSTEM SECURITY IS REQUIRED. THE ENCLOSURE IS INTENDED TO PROTECT ITS INTERNAL EQUIPMENT FROM STRAY RF FIELDS, AS WELL AS, CONTAIN THE RF SIGNALS PRODUCED BY THESE INTERIOR COMPONENTS.



Solution:

TECKNIT CUSTOM STRIP, WHICH COMBINES THE RESILIENCY AND CONDUCTIVITY OF KNITTED MESH WITH THE EXCELLENT COMPRESSION AND DEFLECTION CHARACTERISTICS OF ELASTOMER SPONGES, WAS MOUNTED IN THE GROOVES OF THE ENCLOSURE.