



GUARDIAN TRUNK HOUSING SPECIFICATIONS

CONSTRUCTION:

SODATAP'S "GUARDIAN" BARRIER TUBING PROVIDES A LOW COEFFICIENT OF FRICTION AND A GLASS SMOOTH INNER CORE. RESISTS BEERSTONE BUILD-UP AND FUNGUS. CERTIFIED UNDER STANDARD NSF-51. CLUSTERS ARE DOUBLE WRAPPED IN 5 MIL ALUMINUM FOIL TAPE AND LINE CONFIGURATIONS ARE HELD TO EXACT TOLERANCES. FOR BUNDLES 12 LINES AND LARGER, AN ADDITIONAL POLYETHYLENE FILM TAPE IS APPLIED TO THE OUTSIDE OF THE FOILED BUNDLE TO HELP HOLD THE LINE CONFIGURATION FOR DIFFICULT INSTALL CONDITIONS. 3/4" HIGH QUALITY CLOSED CELL INSULATION FOR MAXIMUM R-VALUE. A PVC WRAP IS THEN APPLIED AS A VAPOR BARRIER OR JACKET ON THE OUTSIDE OF THE TRUNK HOUSING. FACTORY BRANCHING AND LACING KITS ARE AVAILABLE UPON REQUEST.

6" ELECTRICAL LONG SWEEP CHASES ARE REQUIRED WITH 18" MINIMUM RADIUS.

FLAME SPREAD & SMOKE RATINGS:

TO MEET MOST BUILDING CODES THIS MATERIAL MUST HAVE A FLAMESPREAD RATING OF 25 OR LESS AND A SMOKE DEVELOPED RATING OF 50 OR LESS AS MEASURED BY THE ASTM E-84 TEST. MEETS NFPA 90A REQUIREMENTS. TEMPERATURE OF 2500 F WITHOUT SMOKING. THE ASTM E-84 TUNNEL TEST IS A MEASURE OF THE RELATIVE BURNING BEHAVIOR OF BUILDING MATERIALS ACCOMPLISHED BY OBSERVING THE FLAME BEHAVIOR OF THE SPECIMEN WHILE QUANTIFYING THE SMOKE DEVELOPED. THE RESULTS FROM THIS TEST ARE NORMALLY REPORTED USING TWO NUMBERS, THE FIRST DESCRIBING THE RELATIVE FLAME-SPREAD AND THE SECOND THE SMOKE DEVELOPED RATING. A MATERIAL WITH A RELATIVE FLAME-SPREAD OF 25 AND A SMOKE DEVELOPED RATING OF 50 IS REFERRED TO AS A 25/50 RATED MATERIAL. THE CLOSED CELL INSULATION ON THE OUTSIDE OF THE BUNDLE IS RATED 25/50

LINES ARE PLENUM RATED



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