

AIREX E-FLEX GUARD™ - A Flexible PVC Plastic UV/Weather Protective Cover for Pipe Insulation shall be **AIREX E-FLEX GUARD™** by Airex Manufacturing Inc. to be provided and installed, the pipe insulation UV/protective cover shall feature an outdoor industrial grade combined method with molecular bonding that features an integral pre-fastening system that allows removable/reusable use for maintenance and full-enclosure including cut to length capabilities without the use of adhesives as an attachment in any way shape or form including either in the protectors construction or the protectors installation or on any attachment to pipe insulation. All pipe insulation material (whether it is exterior surface coated or non-coated) must be completely covered and protected. **THE USE OF ANY ADHESIVES IS NOT PERMITTED FOR THIS APPLICATION.** Insulation Protector shall be tested and meet the following testing: ASTM E 96 (Vapor Transmission of Materials), ASTM G 153 (Carbon Arc Light Exposure – Accelerated Weathering), ASTM D 412 (Tensile Strength after UV Exposure and Water Immersion) ASTM 570 (Water Absorption of Plastics) ASTM E 84 (Surface Burning Characteristics of Building Materials) ASTM G 21 (Fungal Growth). UV/Protector Pipe Insulation Material shall Meet Class II vapor retarder per ASTM E 96 (vapor/moisture permeability test) “1 perm or less”. Wrapping Tape or Adhesive Tape Shall Not Be Permitted as per energy codes.