

Pre-Conditioned Air Gaskets for Airlines



High-strength All-Composite Gasket

At airports, ground service crews use air adapter chutes to circulate the pre-conditioned air for the aircraft. Those chutes are connected to the aircraft whilst on the ground via pre-conditioned air (PCA) gaskets or connectors.

Traditional Gaskets May Chip, Break, or Tear the Chute

Traditional PCA gaskets are made from plastic, foam, urethane, metal, or sometimes Teflon. These materials can easily

wear, chip, become brittle, or break, losing necessary air pressure to properly circulate air in the plane. Metal or hard plastic gaskets can rip, scratch, or tear the chute carrying the air, also causing loss in air pressure.

Globe PCA Gaskets Last 3X Longer than Conventional Gaskets

Globe Composite Solutions' PCA gaskets solves these issues. Based on technology developed by us for the military, Globe's PCA gaskets last three times longer than the average plastic, metal, or Teflon gasket. Made from a pliable, all-composite blend of materials, it won't break or chip, or scratch and tear the air adapter chute.

Specially Formulated Composite Material

Our specially formulated gasket material won't become brittle or lose its shape like foam or urethane either. Its pliable composite construction is designed to expand and contract with air pressure, like a bellows, keeping a tighter seal with the chute over and over again without losing its shape or that seal.

