



HDPE CORRUGATED PIPE - AERATION PIPE



TDR™ AERO pipe offers several ideal characteristics for use in agricultural ventilation systems. It's manufactured using high-density polyethylene pipes are specifically designed to meet the requirements of agricultural ventilation systems. They are constructed with high-quality corrosion and chemical resistant materials, TDR™ Aero pipes are the ideal choice for maintaining proper ventilation in silos, warehouses, grain and material containers, ensuring that your stored products remain dry and in optimal condition. Let the air flow in and out for a pure and more oxygenized storage system.

PIPE REQUIREMENTS

TDR™ AERO pipe is designed to meet specific requirements for agricultural ventilation systems. It features a unique double-arch reinforced corrugated design with perforations in each corrugation to provide the necessary airflow. Additionally, its exterior is corrugated and has a simple wall for added strength and resistance against corrosion and abrasion.

MATERIALS

TDR™ AERO pipe is manufactured using high-density polyethylene (HDPE), a versatile material, and unlike metal pipes. TDR™ AERO will not rust and contaminate grains, cereals and seeds.

JOINT PERFORMANCE

The TDR™ AERO pipe must be connected using a single wall integrated bell and spigot joint that is watertight and meets the standards of AASHTO M252, AASHTO M294, ASTM F2306 and ASTM F2648. The joint must pass the watertight test as per ASTM D3212. The gaskets must meet requirements of ASTM F477, a water- based lubricant provided by TDR or any other lubricant must be used during the assembly process.

INSTALLATION

The TDR™ AERO is designed to be installed under a stockpile of grains, cereals, seeds or in the middle of any storage cycle.

PERFORATION

The perforations in the pipe allow for optimal air circulation and ventilation, ensuring that your stored products stays fresh for longer periods of time. With TDR™ AERO say goodbye to moisture buildup and spoilage. Upgrade your storage system today and experience the difference.

