

TDR AERO®

HDPE CORRUGATED PIPE - AERATION PIPE



TDR AERO® is a specialized HDPE corrugated aeration pipe designed for agricultural ventilation systems. It is manufactured from high-density polyethylene (HDPE) specifically engineered to meet the requirements of agricultural ventilation systems. Constructed with high-quality corrosion and chemical-resistant materials, TDR AERO® provides an ideal solution for maintaining proper ventilation in silos, warehouses, grain storage, and material containers. This ensures that stored products remain dry and in optimal condition through continuous air circulation and proper oxygenation of the 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.

