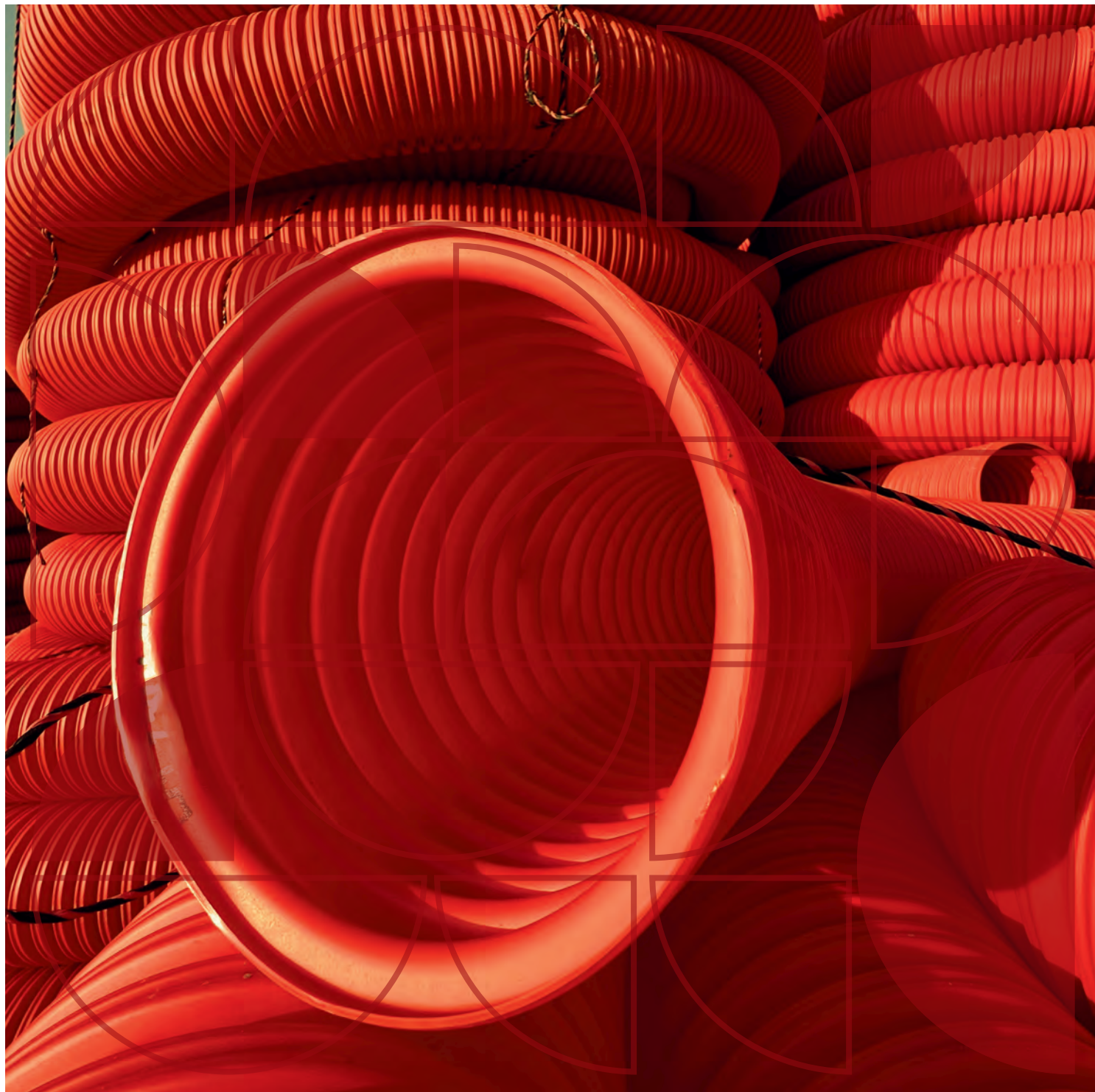


TDR VAC[®]

HDPE CORRUGATED PIPE



TDR VAC[®] is a high-quality high-density polyethylene (HDPE) corrugated pipe engineered for industrial vacuum and suction applications. Offering a combination of exceptional strength, wear resistance, and the structural advantages of corrugated HDPE design, TDR VAC[®] provides reliable performance for various industrial vacuum and waste conveyance needs.

**TDR VAC[®]**

HDPE CORRUGATED PIPE



SCOPE

This specification describes TDR VAC[®] HDPE corrugated pipe engineered for industrial vacuum and suction applications.

TDR VAC[®] pipe is designed to handle:

- Trash and refuse collection from catch basins
- Industrial waste management systems
- Hazardous chemical conveyance
- Sewage and wastewater applications
- Powder and bulk material handling

TDR VAC[®] combines exceptional strength and flexibility with superior chemical and wear resistance, providing reliable performance in demanding industrial environments.

PIPE DESIGN

TDR VAC[®] is manufactured with a 6-inch (150 mm) interior diameter from a specialized HDPE formulation engineered for vacuum applications.

Key Characteristics:

- Unique HDPE formulation reduces static buildup—critical for safe operations
- Exceptional durability and cracking resistance
- Corrugated exterior structure provides structural strength and rigidity
- Optimized for maximum vacuum resistance (up to 24 in of Hg)
- Available in two performance grades (Series 100 and Series 200)
- Superior wear and chemical resistance

Static Control:

The specialized HDPE formulation significantly reduces static electricity buildup, a critical safety consideration in industrial vacuum applications handling combustible materials.

APPLICATIONS

TDR VAC[®] material properties make it versatile for multiple industrial applications. The specialized HDPE formulation and static-reducing characteristics make it efficiently suitable for:

- Dry bulk powder conveyance
- Liquid and slurry handling
- Dense sludge transport
- Thick sludge applications
- Waste collection and conveyance
- Hazardous material handling (with appropriate chemical compatibility)
- Industrial suction and vacuum line applications

The unique static-dissipating properties make TDR VAC[®] particularly valuable for applications involving combustible materials or explosive atmospheres.

SPECIFICATION

	Serie 100	Serie 200
Wall thickness	.037 in (0.94 mm)	.050 in (1.27mm)
Color	Black	Multi-Color
Maximum Vacuum	15 in of Hg (52kPa)	24 in of Hg (81kPa)
Material	HDPE Cell Class 435420C/E ASTM D3350	
UV Protection	Applies	
Pipe Flattening & Brittleness	Free of cracking, splitting	
ID	6" (150mm)	
OD (corrugation)	6.85" (174mm)	

August 2026