



TDR[®]ULTRA[®]
PERFORATED SERIES

HDPE CORRUGATED PIPE



TDR[®] Perforated, a high-density polyethylene (HDPE) dual wall corrugated pipe with perforations designed for drainage applications. Manufactured in accordance with ASTM F2648, ASTM F2306, and AASHTO M294 standards, TDR Perforated is a reliable and durable solution for your drainage needs.



SCOPE

This fact sheet describes 4" through 60" TDR ULTRA® Perforated pipe and fittings for use in gravity flow, subsurface irrigation, land, highway and field drainage.

PIPE

TDR ULTRA® Perforated is a product with exceptional strength and advance technology.

- Dual wall - Corrugated exterior with reinforced double-arch corrugations and smooth interior liner.
- Dual layer co-extruded integrated bell.
- Multiple perforation patterns to achieve efficient drain inlet area.

JOINT

The TDR ULTRA® Perforated pipe features precision-engineered soil-tight joints that eliminate the need for the TDR ULTRA® gasket. The tailored gap between the spigot and bell ensures a secure fixture and a reliable fit while maintaining ease of assembly.

APPLICATIONS

- Agriculture
- Industrial and Mining
- Golf, turf and recreation
- Retention/Detention
- Sports Fields
- Waste management/Landfills
- Road and Highway

STANDARDS

Pipe and Fittings: ASTM F2648 , ASTM F2306, AASHTO M252/M294 (Class 2 perforations)

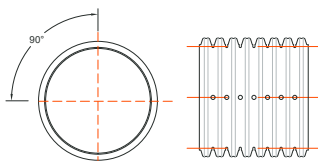
Pipe compound: 435420 C ASTM D3350

Installation: ASTM D2321

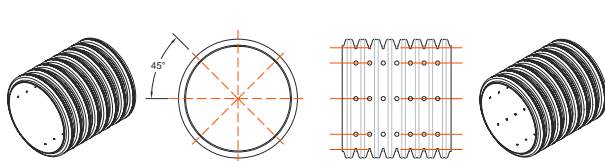
DIMENSIONS

Pipe Size in (mm)	Min. Water Inlet Area, in2/ft (cm2/m)			Perforation Type	Perforation Size	
	Pattern A	Pattern B	Pattern C		Lenght, in (mm)	Width, in (mm)
4 (100)	3.1 (65.5)	-	-	Slot	0.87" (22 mm)	0.06" (1.5 mm)
6 (150)	2.7 (57.2)	-	-			
8 (200)	2.3 (49.3)	-	-			
10 (250)	2.9 (62)	-	-	Slot	ø 1.38" (35 mm)	ø .10" (2.5 mm)
12 (300)	1.9 (41)	-	-	Circular	ø 5/16" (8 mm)	
15 (375)	1.5 (32)	-	-		ø 5/16" (8 mm)	
18 (450)	1.5 (32)	-	-	Circular	ø 5/16" (8 mm)	
24 (600)	-	2.7 (58)	-	Circular	ø 3/8" (9.5 mm)	
30 (750)	-	2.7 (58)	-			
36 (900)	-	2.2 (47)	-			
42 (1050)	-	-	3.3 (71)			
48 (1200)	-	-	2.7 (58)			
60 (1500)	-	-	2.7 (58)			

PATTERN A



PATTERN B



PATTERN C

