



A Subsidiary of Garland Industries

Drain Max[®] R-70

Sheet Core

The DrainMax[®] R-70 Series of products offers cost effective drainage solutions for residential basements.

These core drains are designed to control below grade water. Constructed with a moderate strength core, DrainMax R-70 provides a continuous channel for water or air flow between structural walls or slabs.

Drainmax R-70 is available in 6' or 8' wide by 50' long rolls.

TECHNICAL DATA - DIMPLED CORE			R-70 - 6' or 8'
Properties	ASTM Test	Unit of Measure	Typical Values
Material			Polypropylene
Color			Black
Water Flow Rate ¹ (HG 0.1)	D-4491	gpm/ft	3.5
		Lpm/m	43.5
Water Flow Rate ¹ (HG 1.0)	D-4491	gpm/ft	12.5
		Lpm/m	155
Thickness	D-1777	in	.315
		mm	8
Compressive Strength	D-1621	psf	7,000
		kPa	335
Air Gap Volume ²		gal/ft ²	.13
		l/m ²	5.3
Roll Width		ft	6 or 8
		m	1.83 or 2.44
Roll Length		ft	50
		m	15.24
Product Life Expectancy		> 25 years. The membrane should not be exposed to UV light for more than 30 days.	
Chemical properties		Excellent Chemical Resistance. Root and Rot Resistant	
Toxicity		Non Polluting, Non Toxic	
¹ - In-plane flow rate measured at 1,440 psf (69 kPa) compressive load at referenced hydraulic gradient ² - Approximate value			

All technical information contained in this document is accurate as of time of publishing. GMX, Inc. reserves the right to make changes to products and literature without notice. Please refer to our website for the most current technical information available. Unless otherwise stated, all physical and performance properties listed are Typical Values as defined in ASTM D 4439.