



► **PE - IDR – NON NSF PIPE**  
**Inside Diameter Controlled HDPE**  
**Black Pipe**

12/06

**Designed for low pressure applications:**

**Irrigation and Sprinkler Systems – NOT for Potable Water**

Pressure Class	SIZE	I.D.	Minimum Wall	Weight Per 100'
<b>PC 80 IDR – 19</b>	1"	1.049	.060	9.2
	1-1/4"	1.380	.073	14.67
<b>PC 100 IDR – 15</b>	1/2"	.622	.060	5.8
	3/4"	.824	.060	7.34
	1"	1.049	.070	10.84
	1-1/4"	1.380	.092	18.74
	1-1/2"	1.610	.107	25.42
	2"	2.067	.138	42.11
	3"	3.068	.205	93.85

Prices subject to change without notice.

Available in 20', 40' and 50' straight lengths, coils or mileage reels

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**SPECIFICATIONS:**

Prime Virgin HDPE Resin  
ASTM D 2239 Sizing Standards  
Carbon black content 2.0 to 2.5 %

**Pressure Ratings:**

All pressure ratings are a maximum PSI @ 73.4°F.  
If temperatures exceed 80°F, contact Charter Plastics for a working pressure de-rating.

**Joining:**

Charter Plastics Black IDR NON NSF pipe is made to ASTM D2239 Standards for inside diameter controlled pipe. It should be joined with barbed insert fittings and clamps. Double clamping is recommended on 1-1/2" and 2" pipe in all pressures and on all sizes of 200 and 250 psi.

You may also use special OD Compression fittings that are designed for ASTM D2239 pipe sizes. Charter recommends roughing the end of the pipe with sandpaper prior to sliding on the fitting.

Never use any lubricant on the pipe. Do not expose the pipe to direct flame.

**Installing:**

All Charter IDR NON NSF Pipe can be used for underground installations, the pipe can be direct buried, plowed or pulled. Buried pipe must be supported by proper embedment material like sand or gravel. Refer to PPI's "Handbook of Polyethylene Pipe" and follow as local, state or federal guidelines.

To safely handle and store polyethylene, refer to PPI'S Material Handling Guide.

This pipe is not designed for in house use or for hot water applications.

**Testing:**

All pipe should be hydrostatically tested after installation. Pneumatic testing is not recommended.