

# PE SIDR – IRRIGATION PIPE (NON-NSF) VACUUM SIZED

## Designed for: Irrigation and Sprinkler Systems

- Standard Inside Dimension Ratio
- Black pipe with Plugged Ends, NO Internal Air Pressure



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### Specifications:

- PE Resin
- Carbon black content 2.0 to 2.5 %

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### 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 SIDR NON-NSF pipe is based on ASTM D2239 dimensions 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.

You may also use special OD Compression fittings that are designed for ASTM D2239 pipe sizes. Charter Plastics 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 Plastics SIDR 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 use inside the building or for hot water applications.**

### Testing:

All pipe should be hydrostatically tested after installation. **Pneumatic testing is not recommended.** Refer to PPI's Handbook of Polyethylene Pipe for Guidelines



Pipe for a New World.

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PRESSURE RATING	SIZE	I.D.	MINIMUM WALL	WEIGHT PER FT
100 psi SIDR – 15	.75"	.824	.060	.081
	1"	1.049	.070	.117
	1.25"	1.380	.092	.198
	1.50"	1.610	.107	.264
	2"	2.067	.138	.429

Weight calculations per PPITR7

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**Charter Plastics**

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