



10100 Rodney Street
Pineville NC 28134

IPEX USA LLC
homeflexunderground@ipexamerica.com
homeflexunderground.com

Product HOME-FLEX™ Underground Yellow Polyethylene Gas Pipe, 1/2" - 2" IPS

Project Information

Job Name: _____
Location: _____
Engineer: _____
Contractor: _____

Date Submitted: _____
Submitted by: _____
Approved by: _____
Manufacturer's Rep: _____

Installation

Must be installed in accordance with the HOME-FLEX™ Underground Installation Practices and Guidelines and in accordance with local codes.

Application Information

For use in direct burial Natural Gas and Liquefied Petroleum (Propane) Gas applications with Polyethylene (PE) gas pipelines.

Technical Data

Materials

Polyethylene (PE 2406/2708)

Pressure Ratings

Max Operating Pressure 80 PSIG

Temperature Ratings

Operating Temperature Range -20°F - 140°F

Codes

Uniform Plumbing Code (UPC)
NFPA 54/ANSI Z223.1
NFPA 58
International Fuel Gas Code (IFGC)

Standards

ASTM D2513
NSF/ANSI 14 Certified

Made in USA

Dimensional Information

	Size (IPS)	Part Number	Dimensions (in)			Min Bend Radius
			Av. OD	Approx. ID	Wall Thick	
	1/2" SDR 9.3	221058/59/60	0.840	0.640	0.090	17.00"
	3/4" SDR 11	22106X	1.050	0.860	0.095	26.25"
	1" SDR 11	22106X	1.315	1.075	0.120	32.75"
	1-1/4" SDR 11	22106X	1.660	1.358	0.151	41.50"
	1-1/2" SDR 11	22107X	1.900	1.554	0.173	47.50"
	2" SDR 11	22107X	2.375	1.943	0.216	59.40"



Product HOME-FLEX™ Underground Yellow Polyethylene Gas Pipe, 1/2" - 2" IPS

Coil Dimensional Information

Size (IPS)	Length (ft)	Part Number	Approximate Coil Dimensions (in)		Weight (lbs)	
			Diameter	Height	Per Coil	Per Ft
1/2" SDR 9.3	100	221058	24	7.5	9	0.09
	250	221059	30	9	22.5	
	500	221060	39	12	45	
3/4" SDR 11	100	221061	25	7.5	12	0.12
	250	221062	37	12	30	
	500	221063	42	9	60	
1" SDR 11	100	19-1011100	29	7.5	19	0.19
	250	221065	41	12	47.5	
	500	221066	47	11	95	
1-1/4" SDR 11	100	221067	32	9	31	0.31
	250	221068	50	9	77.5	
	500	221069	70	9	155	
1-1/2" SDR 11	100	221070	41	9	40	0.4
	250	221071	51	12	100	
	500	221072	73	10	200	
2" SDR 11	100	221073	45	7	63	0.63
	250	221074	75	7	157.5	
	500	221075	77	13	315	