



10100 Rodney Street
Pineville NC 28134
1-888-939-6971

IPEX USA LLC
homeflexunderground@ipexamerica.com
homeflexunderground.com

Product HOME-FLEX™ Underground Coupler Fitting, 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

Gas compression fittings for use in Natural Gas and Liquified Petroleum (Propane) Gas applications with Polyethylene (PE) gas pipelines.



Technical Data

Materials

Nut and Main Body	Polypropylene
O-Ring	Nitrile
Spacer	Nylon
Grip Ring	Acetal
Stiffener	Acetal



Pressure Ratings

Max Operating Pressure 125 PSIG

Temperature Ratings

Operating Temperature Range -20°F - 180°F

Codes

Uniform Plumbing Code (UPC), International Fuel Gas Code (IFGC)

Standards

ASTM F1924-12 (Category 1 fittings)

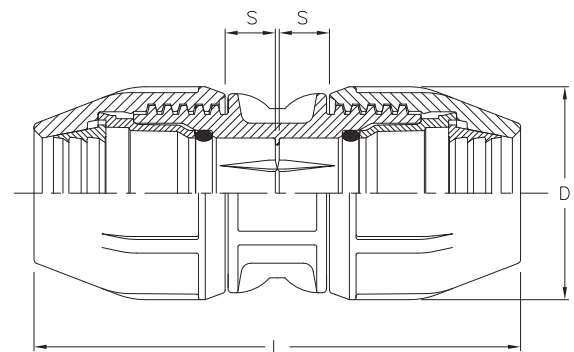
Listings

IAPMO 10218

Made in Australia

Dimensional Information

	Size (IPS)	Part Number	Dimensions (in)				Weight (lbs)
			S	D	D2	L	
	1/2" SDR 9.3	18-429-005	0.39	1.81	1.81	4.37	0.18
	1/2" IPS to 1/2" CTS	18-429-101	0.40	1.81	1.51	4.40	0.20
	3/4" SDR 11	18-429-007	0.43	2.13	2.13	4.69	0.29
	1" SDR 11	18-429-010	0.55	2.68	2.68	5.75	0.46
	1-1/4" SDR 11	18-429-012	0.71	3.23	3.23	7.17	0.93
	1-1/2" SDR 11	18-429-015	0.94	3.78	3.78	8.07	1.30
	2" SDR 11	18-429-020	1.14	4.44	4.44	9.17	1.96



1802/J



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Product HOME-FLEX™ Underground Tee Fitting, 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

Gas compression fittings for use in Natural Gas and Liquified Petroleum (Propane) Gas applications with Polyethylene (PE) gas pipelines.

Technical Data

Materials

Nut and Main Body	Polypropylene
O-Ring	Nitrile
Spacer	Nylon
Grip Ring	Acetal
Stiffener	Acetal

Pressure Ratings

Max Operating Pressure 125 PSIG

Temperature Ratings

Operating Temperature Range -20°F - 180°F

Codes

Uniform Plumbing Code (UPC), International Fuel Gas Code (IFGC)

Standards

ASTM F1924-12 (Category 1 fittings)

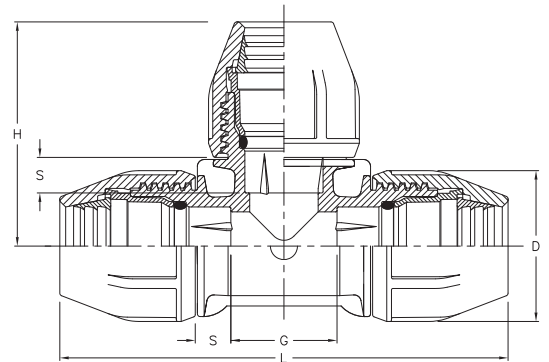
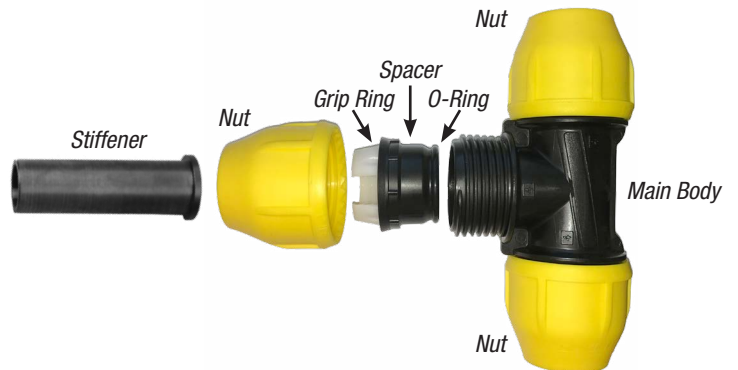
Listings

IAPMO 10218

Made in Australia

Dimensional Information

	Size (IPS)	Part Number	Dimensions (in)					Weight (lbs)
			S	D	H	G	L	
	1/2" SDR 9.3	250142	0.47	1.81	2.76	1.10	5.51	0.29
	3/4" SDR 11	250143	0.51	2.13	3.19	1.54	6.34	0.49
	1" SDR 11	250144	0.63	2.68	3.78	1.69	7.44	0.86
	1-1/4" SDR 11	250145	0.79	3.23	4.41	1.89	8.78	1.46
	1-1/2" SDR 11	250168	0.83	3.78	4.88	2.17	9.65	2.16
	2" SDR 11	250147	0.94	4.45	5.59	2.72	11.1	3.33



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IPEX USA LLC
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Product HOME-FLEX™ Underground 90° Elbow Fitting, 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

Gas compression fittings for use in Natural Gas and Liquified Petroleum (Propane) Gas applications with Polyethylene (PE) gas pipelines.

Technical Data

Materials

Nut and Main Body	Polypropylene
O-Ring	Nitrile
Spacer	Nylon
Grip Ring	Acetal
Stiffener	Acetal

Pressure Ratings

Max Operating Pressure 125 PSIG

Temperature Ratings

Operating Temperature Range -20°F - 180°F

Codes

Uniform Plumbing Code (UPC), International Fuel Gas Code (IFGC)

Standards

ASTM F1924-12 (Category 1 fittings)

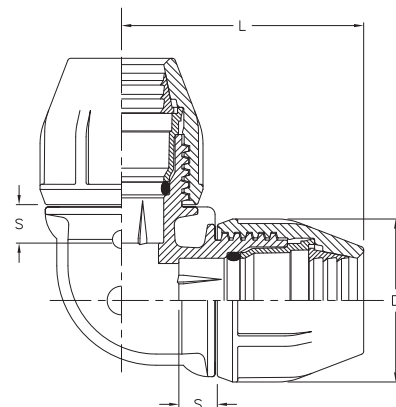
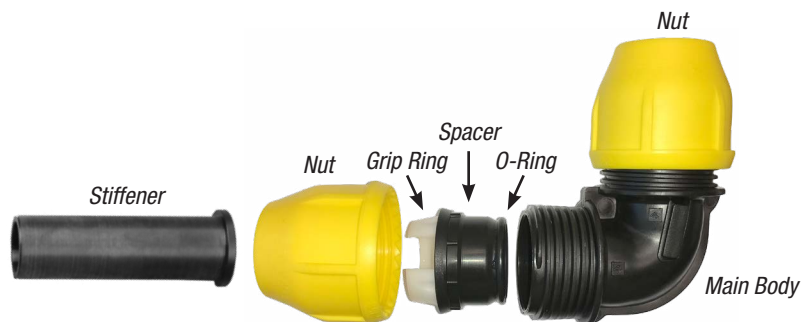
Listings

IAPMO 10218

Made in Australia

Dimensional Information

	Size (IPS)	Part Number	Dimensions (in)				Weight (lbs)
			S	D	D2	L	
	1/2" SDR 9.3	250155	0.39	1.81	1.81	4.37	0.18
	1/2" IPS to 1/2" CTS	250162	0.40	1.81	1.51	4.40	0.20
	3/4" SDR 11	250156	0.43	2.13	2.13	4.69	0.29
	1" SDR 11	050157	0.55	2.68	2.68	5.75	0.46
	1-1/4" SDR 11	250158	0.71	3.23	3.23	7.17	0.93
	1-1/2" SDR 11	250160	0.94	3.78	3.78	8.07	1.30
	2" SDR 11	250161	1.14	4.44	4.44	9.17	1.96



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IPEX USA LLC
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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"



gas - U.P. Code



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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	



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Product HOME-FLEX™ Underground Transition Fitting, 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 Natural Gas and Liquefied Petroleum (Propane) Gas applications with Polyethylene (PE) gas pipelines.

Technical Data

Materials

Male Pipe Thread Steel Gas Carrier (ASTM A53/API 5L)
Powder Coating PPG-PCT70265
Plain End Polyethylene Pipe (ASTM D513)



Pressure Ratings

Max Operating Pressure 80 PSIG

Temperature Ratings

Operating Temperature Range 0°F - 140°F

Codes

Uniform Plumbing Code (UPC)
International Fuel Gas Code (IFGC)

Standards

ASTM F1973, D2513, A53/API 5L
ANSI B1.20.1

Listings

IAPMO Listed

Dimensional Information

	Size (IPS)	Part Number	Dimensions (in)			Weight (lbs)
			L	W	H	
	1/2" SDR 9.3	251032	19.5	1.0	1.0	0.6
	3/4" SDR 11	251033	19.5	1.2	1.2	0.9
	1" SDR 11	251034	19.5	1.6	1.6	1.14
	1-1/4" SDR 11	251035	19.5	2.0	2.0	1.8
	1-1/2" SDR 11	251036	19.5	2.2	2.2	2.4
	2" SDR 11	251037	19.5	2.6	2.6	4.0





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Product HOME-FLEX™ Underground Anodeless Meter Riser, 3/4" - 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 Natural Gas and Liquefied Petroleum (Propane) Gas applications with Polyethylene (PE) gas pipelines.

Technical Data

Materials

Male Pipe Thread Steel Gas Carrier (ASTM A53/API 5L)
Powder Coating PPG-PCT70265
Plain End Polyethylene Pipe (ASTM D513)

Pressure Ratings

Max Operating Pressure 80 PSIG

Temperature Ratings

Operating Temperature Range 0°F - 140°F

Codes

Uniform Plumbing Code (UPC)
International Fuel Gas Code (IFGC)

Standards

ASTM F1973, D2513, A53/API 5L
ANSI B1.20.1

Listings

IAPMO Listed

Dimensional Information

	Size (IPS)	Part Number	Dimensions (in)			Weight (lbs)
			L	W	H	
	3/4" SDR 11	251026	29	1.2	31	5
	1" SDR 11	251027	29	1.6	31	6
	1-1/4" SDR 11	251028	29	2.0	31	9
	1-1/2" SDR 11	251029	29	2.2	31	14
	2" SDR 11	251030	29	2.6	31	28





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Product HOME-FLEX™ Underground Conversion Fitting, 1/2" - 1" IPS to 1/2" - 1" MIP

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 Natural Gas and Liquefied Petroleum (Propane) Gas applications with Polyethylene (PE) gas pipelines.

Technical Data

Materials

Nut and Main Body	Polypropylene
O-Ring	Nitrile
Spacer	Nylon
Grip Ring	Acetal
Stiffener	Acetal
Male Pipe Thread	Steel Gas Carrier (ASTM A53/API 5L)

Pressure Ratings

Max Operating Pressure 125 PSIG

Temperature Ratings

Operating Temperature Range -20°F - 180°F

Codes

Uniform Plumbing Code (UPC)
International Fuel Gas Code (IFGC)

Standards

ASTM F1973 for use with ASTM D2513 Gas Pipe

Listings

IAPMO Listed

Made in Australia

Dimensional Information

	Description	Part Number	Dimensions (in)				Weight (lbs)
			S	D	L	L1	
	1/2" IPS (SDR 9.3) to 1/2" MIP	221076	0.67	1.81	3.94	3.33	0.23
	3/4" IPS (SDR 11) to 3/4" MIP	221077	0.81	2.13	4.41	3.74	0.34
	1" IPS (SDR 11) to 1" MIP	221078	0.87	2.66	5.43	4.13	0.56

