

Innovative Plastics Manufacturing

Underground Electrical & Broadband Fittings Manufacturer

Wholesale Line Sheet

Two product lines for distribution and retail partners: underground electrical & broadband fittings and sealing devices, plus a complete irrigation line. All items are U.S.-manufactured and sold by the case.

Contact

956-244-6523 · sales.innoplastics@proton.me

<https://innovativeplastik.com>

Founded in Texas; shipping worldwide

Pricing shown is indicative list pricing where available; contact us for wholesale and program pricing.

UNDERGROUND ELECTRICAL & BROADBAND

Sealing Devices

Temporary Plugs

The Polyethylene Plug snap-in design protects exposed conduit and innerduct with ease.



Low-density polyethylene snap-in plugs that protect ducts, inner-ducts, and terminators from weather, debris, and animal intrusion — with a built-in rope-tie for future pulls.

Material: Low-density polyethylene (LDPE)

- Tapered and ribbed side walls for a tight, secure fit
- Easy installation and removal
- Maintains shape in extreme environments
- Cost-effective solution for temporary sealing

Polyethylene Temporary Plugs

Product Number	Trade Size (in)	Trade Size (mm)	Case Qty
2250-010	1.00	25	100
2250-012	1.25	32	100
2250-015	1.50	40	100
2250-015-B	1.50	40	100
2250-020L	2.00	50	100
2250-025	2.50	65	100
2250-030	3.00	80	80
2250-035	3.50	90	80
2250-040	4.00	100	50
2250-050	5.00	125	40
2250-060	6.00	150	30
2250-080	8.00	200	12

Also referred to as: Polyethylene Plugs · Plastic Plugs · Temporary Plugs · Poly Pull Plugs · Universal Plugs · Conduit PVC Plugs · Conduit Plugs · Flower Pot Plugs · Top Hat Plugs · PVC Plugs · PVC Pull Plugs · PVC Temp Plugs · End Plugs · Tri-Plugs · Duct Plugs · Blank Duct Plug · Fiber Optic Duct Plug · Innerduct Plug · 2 inch Duct Plug · 4 inch Conduit Plug

Duct Spacers

Base & Intermediate

Snap-together conduit spacers that accommodate multiple alignment options, providing exceptional strength and unmatched resilience.



A proven two-piece, interlocking duct-spacer system in eighteen sizes — supporting duct arrays during trenching and backfill in both encased and direct-burial installations.

Material: High-impact polymer

- Vertical and horizontal interlocking for fast, secure field assembly
- Constructed of high-impact polymers
- No banding required
- Used in both encased-burial and direct-burial installations
- Pre-assembly available — just call!

Base Duct Spacers

Product Number	Trade Size (in)	Trade Size (mm)	Case Qty
4020-15	2.00 x 1.50	50 x 40	450
4020-20	2.00 x 2.00	50 x 50	325
4020-30	2.00 x 3.00	50 x 80	300
4030-15	3.00 x 1.50	80 x 40	250
4030-20	3.00 x 2.00	80 x 50	225
4030-30	3.00 x 3.00	80 x 80	190
4040-10	4.00 x 1.00	100 x 25	250
4040-15	4.00 x 1.50	100 x 40	180
4040-20	4.00 x 2.00	100 x 50	180
4040-30	4.00 x 3.00	100 x 80	150
4050-15	5.00 x 1.50	125 x 40	140
4050-20	5.00 x 2.00	125 x 50	100
4050-30	5.00 x 3.00	125 x 80	90
4060-15	6.00 x 1.50	150 x 40	100
4060-20	6.00 x 2.00	150 x 50	100
4060-30	6.00 x 3.00	150 x 80	90
4080-20	8.00 x 2.00	200 x 50	65
4080-30	8.00 x 3.00	200 x 80	60

Intermediate Duct Spacers

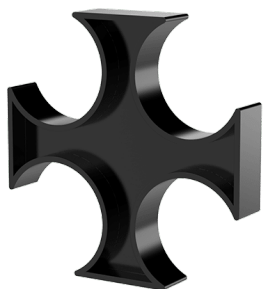
Product Number	Trade Size (in)	Trade Size (mm)	Case Qty
4120-15	2.00 x 1.50	50 x 40	500
4120-20	2.00 x 2.00	50 x 50	325
4120-30	2.00 x 3.00	50 x 80	275
4130-15	3.00 x 1.50	80 x 40	250

4130-20	3.00 x 2.00	80 x 50	225
4130-30	3.00 x 3.00	80 x 80	160
4140-10	4.00 x 1.00	100 x 25	250
4140-15	4.00 x 1.50	100 x 40	180
4140-20	4.00 x 2.00	100 x 50	160
4140-30	4.00 x 3.00	100 x 80	125
4150-15	5.00 x 1.50	125 x 40	140
4150-20	5.00 x 2.00	125 x 50	100
4150-30	5.00 x 3.00	125 x 80	90
4160-15	6.00 x 1.50	150 x 40	100
4160-20	6.00 x 2.00	150 x 50	100
4160-30	6.00 x 3.00	150 x 80	75
4180-20	8.00 x 2.00	200 x 50	70
4180-30	8.00 x 3.00	200 x 80	45

Also referred to as: Conduit Spacers · Utility Conduit Spacers · Conduit Chairs · Utility Duct Spacers · Duct Bank Spacers · Base Spacers · Intermediate Spacers · Trench Spacers · Base Duct Spacer · Intermediate Duct Spacer · Duct Spacers for HDPE Conduit · Fiber Duct Spacers · 2 inch Duct Spacer · 4 inch Duct Spacer

Clip Spacers

Easy-to-use, snap-in conduit clip spacers designed for both exposed and underground conduit installations.



ABS-resin clip spacers in 4-way and 6-way configurations that organize HDPE or PVC conduit before entrenchment, fed directly from the reel or cut to length.

Material: ABS resin

- For use in both exposed and underground applications
- Install in seconds
- Warp-resistant, durable design

Conduit Clip Spacers

Product Number	Configuration	Trade Size (in)	Trade Size (mm)	Case Qty
A4W-10	4-Way	1.00	25	400
A4W-12	4-Way	1.25	32	240
A4W-15	4-Way	1.50	40	200
A4W-20	4-Way	2.00	50	250
A6W-12	6-Way	1.25	32	140
A6W-15	6-Way	1.50	40	225

Also referred to as: Conduit Clip Spacers · Snap-in Conduit Spacers · Single-Tier Spacers · Wall Spacers · 4-Way Spacers · 6-Way Spacers

Caps

PVC End Caps

Offered in two distinct styles, *PVC End Caps* and *Riser Caps* provide an ideal solution for securing conduit openings.



Injection-molded high-impact PVC end caps in eleven sizes from ½ inch to 6 inches — fitting Schedule 40 & 80 and EB/DB conduits for encased and direct-burial applications.

Material: High-impact PVC

- Fits Schedule 40 & 80 and EB and DB conduits
- Available in eleven sizes
- Installs in seconds, no tools required
- Warp-resistant, durable design
- For encased and direct-burial applications

PVC End Caps

Product Number	Trade Size (in)	Trade Size (mm)	Case Qty
2046-005	0.50	15	100
2046-007	0.75	20	100
2046-010	1.00	25	100
2046-012	1.25	32	100
2046-015	1.50	40	100
2046-020	2.00	50	100
2046-025	2.50	65	60
2046-030	3.00	80	60
2046-040	4.00	100	30
2046-050	5.00	125	15
2046-060	6.00	150	10

Also referred to as: *PVC End Caps · Conduit End Caps · PVC Conduit Caps · Schedule 40 End Caps · Schedule 80 End Caps · DB Conduit Caps · EB Conduit Caps*

Riser Caps

Offered in two distinct styles, *PVC End Caps* and *Riser Caps* provide an ideal solution for securely closing conduit openings.



High-impact PVC Riser Caps with an underside rope-tie loop for mule tape — injection molded for a consistent fit, in sizes from 1.5 inches to 6 inches.

Material: High-impact PVC

- Underside rope-tie loop holds mule tape or a pull-line for future access
- Fits Schedule 40 & 80 and EB and DB conduits
- Available in seven sizes (1.5" to 6")
- Installs in seconds, no tools required
- Warp-resistant, durable design
- For encased and direct-burial applications

Riser Caps

Product Number	Trade Size (in)	Trade Size (mm)	Case Qty
2042-015	1.50	40	80
2042-020	2.00	50	100
2042-025	2.50	65	60
2042-030	3.00	80	60
2042-040	4.00	100	30
2042-050	5.00	125	15
2042-060	6.00	150	10

Also referred to as: Riser Caps · PVC Riser Caps · Conduit Riser Caps · Rope-Tie Caps · Mule Tape Caps · Pull-Line Conduit Caps

IRRIGATION PRODUCTS

Swing Joints

Swing Joint Assemblies

Flexible, pre-assembled swing joints that let you position sprinkler heads precisely and absorb impact.



Pre-assembled flexible swing joints built from heavy-duty LDPE funny pipe, Celcon M90 funny-pipe fittings, and Marlex HDPE street ells — in 6" and 12" lengths, ½" and ¾" sizes, with one- or three-ell configurations.

Material: LDPE tubing with Celcon M90 funny-pipe fittings and Marlex HDPE street ells

- Pre-assembled and ready to install out of the case
- Flexible 6" or 12" LDPE tubing bends to position hard-to-reach sprinklers
- Celcon M90 funny-pipe fittings and a Marlex HDPE street ell for leak-free connections
- Available with one or three Marlex street ells for added articulation
- ½" and ¾" sizes and combinations
- Heavy-duty materials built for long service life

Swing Joint Assemblies

Product Number	Inlet × Outlet	Tubing Length	Marlex Ells	Case Qty
1106-55	½" × ½"	6"	1	50
1106-57	½" × ¾"	6"	1	50
1106-77	¾" × ¾"	6"	1	50
1106-55X3	½" × ½"	6"	3	50
1106-77X3	¾" × ¾"	6"	3	50
1112-55	½" × ½"	12"	1	50
1112-57	½" × ¾"	12"	1	50
1112-77	¾" × ¾"	12"	1	50
1112-55X3	½" × ½"	12"	3	50

Also referred to as: Swing Joint Assembly · Swing Pipe Assembly · Funny Pipe Assembly · Sprinkler Swing Joint · Flexible Riser Assembly · Cut-off Swing Joint · Pre-assembled Swing Joint · Swing Joint Riser · Golf Course Swing Joint · ½ inch Swing Joint · ¾ inch Swing Joint · Compatible with Rain Bird SA Series (SA5 / SA65 / SA125050)

Irrigation Fittings

Male Elbows 90°

90° male threaded elbows that turn the corner on lateral lines and risers.



Injection-molded 90° male-thread elbows for irrigation lateral lines and risers, in ½" and ¾" sizes, sold by the case.

Material: Injection-molded polymer

- 90° turn for lateral lines, risers, and sprinkler connections
- Male pipe thread for fast, secure connections
- ½" and ¾" sizes
- Durable injection-molded construction for underground service

Male Elbows 90°

Product Number	Size	Angle	Case Qty
1300-05	1/2"	90°	1500
1300-07	3/4"	90°	1000

Also referred to as: Male Elbow 90 · 90 Degree Irrigation Elbow · MPT Elbow · Sprinkler Elbow Fitting

Male Adapters (Black PVC)

Black PVC male adapters that transition slip pipe to male thread.



Black PVC male adapters for transitioning irrigation pipe to a male threaded connection, in 1/2" and 3/4" sizes, sold by the case.

Material: Black PVC

- Transitions slip pipe to a male threaded connection
- Molded in durable black PVC
- 1/2" and 3/4" sizes
- Sold by the case for volume installs

Male Adapters — Black PVC

Product Number	Size	Material	Case Qty
1310-05	1/2"	Black PVC	500
1310-07	3/4"	Black PVC	500

Also referred to as: PVC Male Adapter · Male Thread Adapter · Slip to MPT Adapter · Irrigation Pipe Adapter

Marlex Street Ells

Heavy-duty Marlex street ells for leak-free swing-joint connections.



Marlex HDPE 90° street ells (male × female thread) — the self-lubricating fitting that makes leak-free swing-joint connections, in 1/2", sold by the case.

Material: Marlex HDPE

- 90° male × female thread for swing joints and riser connections
- Marlex HDPE is self-lubricating for leak-free, easy assembly
- Heavy-duty construction for long underground service
- The same fitting style used in our swing joint assemblies

Marlex Street Ells

Product Number	Size	Configuration	Case Qty
1412-05	1/2"	90° male × female	500

Also referred to as: Marlex Street Ell · Marlex 90 Street Elbow · Marlex Elbow · Marlex Street Ell 90 · HDPE Street Elbow MPT x FPT · Self-lubricating Street Ell

Risers & Tubing

Poly Cut-Off Risers

Threaded poly risers you cut to the exact height your sprinkler needs.



½" × 6" polyethylene cut-off risers — threaded nipples that cut down to set sprinkler heads at the right height, sold by the case.

Material: Polyethylene

- Cut to length to set sprinkler heads at the exact height
- Threaded both ends for easy installation
- Tough polyethylene resists impact and corrosion
- ½" × 6" — sold by the case

Poly Cut-Off Risers

Product Number	Size	Material	Case Qty
1500-60	½" × 6"	Polyethylene	500

Also referred to as: Poly Cut-Off Riser · Poly Cut-Off Nipple · Cut-off Riser · Sprinkler Riser · Orbit-style Poly Riser

Swing Pipe Coil (Funny Pipe)

Flexible LDPE swing pipe — bend it to reach any head, cut it to any length.



100 ft coil of flexible ½" LDPE swing pipe (funny pipe), .690" OD × .490" ID — bends at sharp angles without disrupting flow for build-your-own swing joints.

Material: Low-density polyethylene (LDPE)

- Flexible LDPE bends at sharp angles without restricting flow
- Build custom-length swing joints on site
- .690" OD × .490" ID — pairs with standard funny-pipe fittings and Marlex ells
- 100 ft coil

Swing Pipe Coil

Product Number	Length	Outside Dia.	Inside Dia.
COIL 100	100 ft	.690"	.490"

Also referred to as: Funny Pipe · Swing Pipe · LDPE Flex Tubing · Flexible Sprinkler Pipe · Swing Pipe 100 ft Coil · Funny Pipe Coil · Compatible with Rain Bird SPX-FLEX-100 / SWGP100

HDPE FITTINGS

Butt Fusion Saddles

Butt Fusion Service Saddles (Rectangle Base)

Molded HDPE service saddles with a rectangle base and ½" FNPT outlet — heat-fused to the pipe crown for permanent, leak-free lateral taps.



Molded HDPE butt fusion service saddles with a rectangle base and ½" FNPT female threaded outlet, in 4", 6", 8", and 10" pipe sizes, for aeration diffuser laterals and small service taps on HDPE pipe.

Material: Molded HDPE (PE4710)

- Rectangle base contoured to the pipe crown for full-surface butt fusion
- ½" FNPT female threaded outlet accepts standard drops, risers, and diffuser connections
- Joins with standard butt-fusion tooling — no electrofusion processor, clamps, or gaskets
- Fused joint becomes a permanent, monolithic part of the pipe wall
- Molded HDPE for long buried and submerged service life
- Made in the USA

Butt Fusion Service Saddles — Rectangle Base, ½" FNPT Outlet

Product Number	Pipe Size (in)	Pipe Size (mm)	Outlet	Base Style	Case Qty
BFSS-0405	4	100	½" FNPT	Rectangle	50
BFSS-0605	6	150	½" FNPT	Rectangle	50
BFSS-0805	8	200	½" FNPT	Rectangle	50
BFSS-1005	10	250	½" FNPT	Rectangle	50

Also referred to as: HDPE Branch Saddles · Service Saddles · Tapping Saddles · Threaded Outlet Saddles · Aeration Saddles · Butt Fusion Branch Saddles · Sidewall Fusion Saddles · HDPE Saddle Fittings · HDPE Saddle · HDPE Pipe Saddle · HDPE Service Saddle · Pond Aeration Saddle · Airline Saddle Fittings · Diffuser Drop Saddle