



CORROSION RESISTANT PIPES FOR
SUSTAINABLE DEVELOPMENT

CRUMPLER PLASTIC PIPE INC.

CPP Pipe And Culverts



CORROSION RESISTANT PIPES FOR
SUSTAINABLE DEVELOPMENT

***Our Pipe Is Laboratory
Tested***



- **DOT Road Culverts**
- Storm Water Control Drains
- Basement & Foundation Drains
- Farm Pond Water control
- DOT Slope - Edge Drains
- Industrial & Wastewater Piping
- Pebble/Sand Filter Treatment
- Sewer Sludge Composting
- Animal Wastewater Treatment
- Landfill Drains - Gas Relief
- **Septic Sewer Drain Pipes**



PHONE 910-525-4046 / (800) 334-5071

POST OFFICE BOX 2068
ROSEBORO, NORTH CAROLINA 28382

WEB SITE: www.cpp-pipe.com



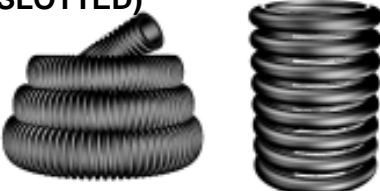
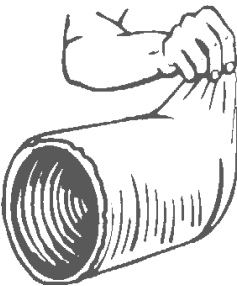


CRUMPLER PLASTIC PIPE, INC.

TOLL FREE USA/CANADA
1-(800)-334-5071

24 HOUR FAX SERVICE
1-(910)-525-5801 • 1-(800)-CPP-PIPE



CPP SINGLE WALL PIPE SYSTEMS

| | SIZE | PART NO. | PACKAGE DESCRIPTION | PRICE |
|---|------|----------|---|-------|
| CPP PERFORATED TUBING (SLOTTED)  <p>Meets SCS-606 Specs for Farm Drain, FHA-HUD Specs for Foundation-Base-ment Drain & AASHTO Specs for Road Culvert Storm Drain</p> | 3" | 0310100 | CPP Foundation-Farm Slots - 100 ft. Folls | |
| | 3" | 0310300 | CPP Foundation-Farm Slots - 300 ft. Rolls | |
| | 4" | 0410010 | CPP Foundation-Farm Slots - 10 ft. with coupling | |
| | 4" | 0410100 | CPP Foundation-Farm Slots - 100 ft. Rolls | |
| | 4" | 0410250 | CPP Foundation-Farm Slots - 250 ft. Rolls | |
| | 5" | 0510165 | CPP Foundation-Farm Slots - 165 ft. Rolls | |
| | 6" | 0610010 | CPP Foundation-Farm Slots - 10 ft. Lengths w/coupling | |
| | 6" | 0610020 | CPP Foundation-Farm Slots - 20 ft. Lengths | |
| | 6" | 0610100 | CPP Foundation-Farm Slots - 100 ft. Lengths | |
| | 8" | 0810020 | CPP Foundation-Farm Slots - 20 ft. Lengths | |
| | 10" | 1010020 | CPP Foundation-Farm Slots - 20 ft. Lengths | |
| | 12" | 1210020 | CPP Foundation-Farm Slots - 20 ft. Lengths | |
| | 15" | 1510020 | CPP Foundation-Farm Slots - 20 ft. Lengths | |
| | 18" | 1810020 | CPP Foundation-Farm Slots - 20 ft. Lengths | |
| | 24" | 2410020 | CPP Foundation-Farm Slots - 20 ft. Lengths | |
| CPP SILT GUARD FILTER SOCK  | 3" | 0320100A | CPP Found.-Farm Slots SOCK-A-100 ft. Rolls | |
| | 3" | 0320100B | CPP Found.-Farm Slots SOCK-B-100 ft. Rolls | |
| | 3" | 0320300A | CPP Found.-Farm Slots SOCK-A-300 ft. Rolls | |
| | 3" | 0320300B | CPP Found.-Farm Slots SOCK-B-300 ft. Rolls | |
| | 4" | 0420100A | CPP Found.-Farm Slots SOCK-A-100 ft. Rolls | |
| | 4" | 0420100B | CPP Found.-Farm Slots SOCK-B-100 ft. Rolls | |
| | 4" | 0420250A | CPP Found.-Farm Slots SOCK-A-250 ft. Rolls | |
| | 4" | 0420250B | CPP Found.-Farm Slots SOCK-B-250 ft. Rolls | |
| | 5" | 0520165A | CPP Found.-Farm Slots SOCK-A-165 ft. Rolls | |
| | 5" | 0520165B | CPP Found.-Farm Slots SOCK-B-165 ft. Rolls | |
| | 6" | 0620100A | CPP Found.-Farm Slots SOCK-A-100 ft. Rolls | |
| | 6" | 0620100B | CPP Found.-Farm Slots SOCK-B-100 ft. Rolls | |
| | 8" | 0820020A | CPP Found.-Farm Slots SOCK-A-20 ft. Lengths | |
| | 8" | 0820020B | CPP Found.-Farm Slots SOCK-B-20 ft. Lengths | |
| | 10" | 1020020A | CPP Found.-Farm Slots SOCK-A-20 ft. Lengths | |
| | 10" | 1020020B | CPP Found.-Farm Slots SOCK-B-20 ft. Lengths | |
| | 12" | 1220020A | CPP Found.-Farm Slots SOCK-A-20 ft. Lengths | |
| | 15" | 1520020A | CPP Found.-Farm Slots SOCK-A-20 ft. Lengths | |
| | 18" | 1820020A | CPP Found.-Farm Slots SOCK-A-20 ft. Lengths | |
| | 24" | 2420020A | CPP Found.-Farm Slots SOCK-A-20 ft. Lengths | |
| CPP SPREAD-RITE™ HEAVY DUTY SEPTIC TUBING  | 4" | 0430010 | CPP SPREAD-RITE™ SEPTIC 10 ft. with coupling | |
| | 4" | 0430100 | CPP SPREAD-RITE™ SEPTIC 100 ft. | |
| | 4" | 0430250 | CPP SPREAD-RITE™ SEPTIC 250 ft. | |
| | 6" | 0630010 | CPP SPREAD-RITE™ SEPTIC 10 ft. with coupling | |
| | 6" | 0630100 | CPP SPREAD-RITE™ SEPTIC 100 ft. Roll | |
| | 6" | 0630020B | CPP NO-ROCK™ SEPTIC-20ft. with filter wrap | |
| | 6" | 0630100B | CPP NO-ROCK™ SEPTIC 100 ft. Roll with filter wrap | |
| | 8" | 0830020B | CPP NO-ROCK™ SEPTIC-20 ft. with filter wrap | |
| | 10" | 1030020B | CPP NO-ROCK™ SEPTIC-20 ft. with filter wrap | |
| CPP SOLID TUBING  | 3" | 0340100 | CPP Solid 100-foot Rolls | |
| | 3" | 0340300 | CPP Solid 300-foot Rolls | |
| | 4" | 0440010 | CPP Solid 10-foot Lengths with coupling | |
| | 4" | 0440100 | CPP Solid 100-foot Rolls | |
| | 4" | 0440250 | CPP Solid 250-foot Rolls | |
| | 5" | 0540165 | CPP Solid 165-foot Rolls | |
| | 6" | 0640010 | CPP Solid 10-foot Lengths with coupling | |
| | 6" | 0640020 | CPP Solid 20-foot Lengths | |
| | 6" | 0640100 | CPP Solid 100-foot Rolls | |
| | 8" | 0840020 | CPP Solid 20-foot Lengths | |
| | 10" | 1040020 | CPP Solid 20-foot Lengths | |
| | 12" | 1240020 | CPP Solid 20-foot Lengths (Road Culvert) | |
| | 15" | 1540020 | CPP Solid 20-foot Lengths (Road Culvert) | |
| | 18" | 1840020 | CPP Solid 20-foot Lengths (Road Culvert) | |
| | 24" | 2440020 | CPP Solid 20-foot Lengths (Road Culvert) | |

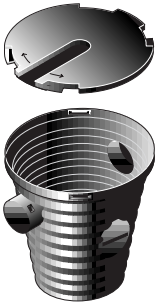

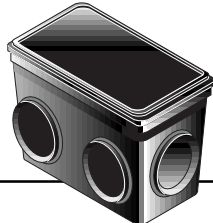

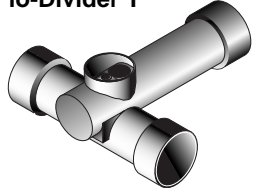

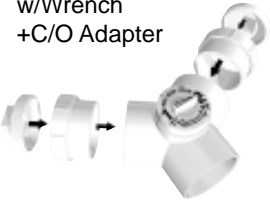

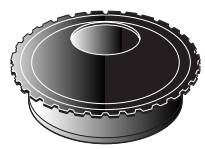
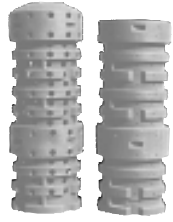

EFFECTIVE DATE _____

TERMS _____

PRICE Subject to Change Without Notice

Past Due Invoices Are Subject To A Service Charge of
1 - ½ % Per Month Which Is An Annual Rate of 18%

| | SIZE | PKG # | PART # | PRICE | | SIZE | PKG # | PART # | PRICE |
|---|-----------------|-------|-----------|-------|--|-------------|-------|-------------------|-------|
| Split Couplers  | 5" | 25 | 05F0511 | | Extension & Lok Sleeve  | 4" | 1 | 04F0471ELA | |
| | 8" | 20 | 08F0811 | | | | | | |
| | 10" | 5 | 10F1011 | |  Septic Tank Vented EII | 4" | 1 | 04F0431B | |
| | 12" | 5 | 12F1211 | | | | | | |
| | 15" | 5 | 15F1511 | | | | | | |
| | 18" | 3 | 18F1811 | | Snap Y  | 3" | 25 | 03F0341 | |
| | 24" | 3 | 24F2411 | | | 4" | 20 | 04F0441 | |
| Split Couplers W/Gasket For Soil Tight Applications  | 12" | 1 | 12F1211WF | | | 5" | 5 | 05F0541 | |
| | 15" | 1 | 15F1511WF | | | 6" | 5 | 06F0641 | |
| | 18" | 1 | 18F1811WF | | | 8" | 5 | 08F0841 | |
| | 24" | 1 | 24F2411WF | | Snap End Caps  | 3" | 50 | 03F0351 | |
| | 30" | 1 | 30F3011WF | | | 4" | 50 | 04F0451 | |
| | 36" | 1 | 36F3611WF | | | 5" | 50 | 05F0551 | |
| Snap Couplers  | 3" | 50 | 03F0312 | | | 6" | 25 | 06F0651 | |
| | 4" | 50 | 04F0412 | | | 8" | 10 | 08F0851 | |
| | 6" | 10 | 06F0612 | | | 10" | 10 | 10F1051 | |
| Internal Lock Couplers  | 3" | 50 | 03F0313 | | | 12" | 10 | 12F1251 | |
| | 4" | 50 | 04F0413 | | | 15" | 1 | 15F1551 | |
| | 5" | 25 | 05F0513 | | | 18" | 1 | 18F1851 | |
| | 6" | 20 | 06F0613 | | | 24" | 1 | 24F2451 | |
| | 8" | 10 | 08F0813 | | Snap Combo End Cap/4" Reducer/Adapter  | 8" | 10 | 08F0851C | |
| Snap Tee's  | 3" | 25 | 03F0321 | | | 8" | 10 | 08F0851G w/Gasket | |
| | 4" | 25 | 04F0421 | | | 10" | 10 | 10F1051C | |
| | 5" | 10 | 05F0521 | | | 10" | 10 | 10F1051G w/Gasket | |
| Reducer Tee  | 6"X5"X4" | 5 | 06F0621R | | Septic Tank Tee w/Filter  | 4" | 1 | 04F0421WF | |
| | | | | | | Filter Only | 1 | 04F0421F | |
| Blind Tee's  | 4" | 25 | 04F0421A | | Snap Reducers  | 4"x3" | 25 | 04F0461 | |
| | 5"x4" | 10 | 05F0521A | | | 5"x4" | 25 | 05F0561 | |
| | 6"x5"X4" | 5 | 06F0621A | | | 6"x4" | 20 | 06F0662 | |
| | 8"x6"X5"X4" | 1 | 08F0821R4 | | | 6"x5" | 20 | 06F0661 | |
| | 10"x8"X6"X5"X4" | 1 | 10F1021R | | Snap EII's  | 8"x6" | 5 | 08F0861 | |
| | 12"x10"X8" | 1 | 12F1221R | | | 10"x8" | 5 | 10F1061 | |
| | 15"x12"X10" | 1 | 15F1521R | | | 12"x10" | 5 | 12F1261 | |
| | 18"x15"X12" | 1 | 18F1821R | | | 15"x12" | 1 | 15F1561 | |
| | 24"x18"X15" | 1 | 24F2421R | | | 18"x15" | 1 | 18F1861 | |
| | | | | | | 24"x18" | 1 | 24F2461 | |
| Snap Cross Tee  | 4" | 10 | 04F0421X | | | | | | |
| | | | | | | | | | |

| | SIZE | PKG # | PART # | PRICE | | SIZE | PKG # | PART # | PRICE |
|--|------------|-------|------------------------|-------|---|----------------------------------|-------|---|-------|
| Catch Basin/ Sump Well & Lids for Basement & Foundations  | 18"x24" | 1 | 500101 | | Corrugated to Smooth -or- Clay Adapters  | 4" | 50 | 04F0471 | |
| | WELL | 1 | 500104(LID) | | | 6" | 20 | 06F0671 | |
| | 18"x30" | 1 | 500102 | | | 8" | 10 | 08F0871 | |
| | WELL | 1 | 500104(LID) | | | 10" | 5 | 10F1071 | |
| | | | | | | 12" | 1 | 12F1271 | |
| | | | | | | 15" | 1 | 15F1571 | |
| Septic Distribution Box  | FOR 4" | 1 | 500206 | | Down Spout Adapter Residential & Commercial Size  | 3" | 50 | 03F0381R | |
| | PIPE | | | | | 4" | 50 | 04F0481U | |
| | | | | | | 6" | 10 | V060FDSACC | |
| Flo-Divider T  | Adjustable | 1 | 500401A | | *6" Drop Box  | 20"x20"x20" | 1 | 5002046 | |
| | | | | | | Riser is 20"x20"x7" | | | |
| | | | | | | | | | |
| Bull Run Valve w/Wrench +C/O Adapter  | FOR 4" | 1 | 500301 | | Hickenbottom Tee  | We have a variety of sizes | 1 | Just ask about the Hickenbottom to see if its available according to your specifications | |
| | PIPE | 1 | 500302 | | | | | | |
| | | 1 | SO40FCOAP | | | | | | |
| Level-Flo-Dialer  | 3" | 100 | 500220A | | Hickenbottom Inlets  | We have a variety of sizes | 1 | Just ask about the Hickenbottom to see if its available according to your specifications | |
| | 4" | 50 | 500220 | | | | | | |
| Drop Box with Solid or Grate Lid  | FOR 4" | 1 | 500204 (BOX) | | | | | | |
| | PIPE | 1 | 500207 (SOLID LID) | | | | | | |
| | | | 500208 (GRATED LID) | | | | | | |

Because these are oil based products, prices are subject to change without notice. To guarantee the delivered price of your order, call

1-800-334-5071 - 910-525-4046

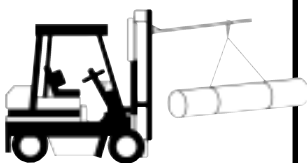
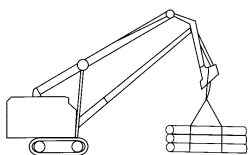
Delivery Inspection

Crumpler Plastic Pipe, Inc. makes every effort to ensure order accuracy and quality. As a final check, the customer should conduct a personal inspection at delivery to verify that the correct product and the expected quantity is received. Pipe corrugations, gaskets, pipe ends, couplers or other joints, and any accessories should be visually inspected for damage that may have occurred during shipment.

Product Identification

Product markings on Crumpler Plastic Pipe will include the following information to facilitate jobsite inspection.

- Nominal pipe size
- Manufacturer's name
- Date code
- Applicable standard(s)



Unloading

The Contractor should set aside an area for products to be stored on site. This area should be flat, free of large rocks, rough surfaces and debris. It should also be out

of the way of construction traffic. Pipe may be delivered either palletized or loose, depending on the type and quantity of product. Pallets may be unloaded with a backhoe, forklift or other piece of equipment and a nylon sling or cushioned cable. The sling should be wrapped around the pallet at the third points as it lifts the pallet onto the ground. As an alternative to using a sling to unload full pallets, the pallet may be opened and lengths of pipe unloaded individually by carefully rolling single lengths of loose pipe from the delivery truck onto the front end loader, then onto the ground. Alternately, the pipe can also be lifted using a nylon sling or cushioned cable at the third points.



End handling with a forklift should not be used as pipe damage will occur.

WEIGHT OF INDIVIDUAL JOINTS OF PIPE

| Pipe Dia. | Length | Weight |
|-----------|--------|----------|
| 12" | 20' | 70 lbs. |
| 15" | 20' | 107 lbs. |
| 18" | 20' | 150 lbs. |
| 24" | 20' | 235 lbs. |
| 30" | 20' | 300 lbs. |
| 36" | 20' | 360 lbs. |
| 42" | 20' | 470 lbs. |
| 48" | 20' | 680 lbs. |

Due to joint weight, larger diameter pipes **MUST NOT** be off-loaded by hand per **OSHA** guidelines. **MECHANICAL EQUIPMENT** is REQUIRED.

Job Site Storage

Reasonable care should be used in handling pipe. The pipe should not be dropped, dragged or bumped against other pipe or objects. Palletized pipe should remain in the pallet for jobsite storage. Non-palletized pipe can be stockpiled for temporary storage in a flat debris-free area out of the way of construction traffic. Begin the stockpile with secured timbers spaced the width of the proposed stockpile at a distance not exceeding the third points. For pipe with attached bells, a recommended stacking method is to alternate the direction of the pipe lengths so that the bells are not stacked on each other. As shown in Figure 2, up to three pipes can be laid before alternating directions. Subsequent layers should follow the same pattern as the first but with fewer sticks of pipe in each row. For smooth interior pipe, storage space can be minimized by nesting smaller diameters into larger diameter pipe. Factory installed gaskets on the spigot should be protected by positioning them between corrugations.

CPP Return Policy

All returned pipe and fittings are subject to a 10% restocking charge. Prior to any refunds, pipe must be inspected for damage by a representative of Crumpler Plastic Pipe, Inc. There will be no refunds issued on damaged goods. Customer is liable for freight back to CPP. No returns accepted after 90 days from invoice date.

Stringing the Pipe

Placing the pipe and accessories along the open trench, or "stringing," can save handling time. Each pipe length should be laid on a level surface as near as possible to the trench on the side opposite the excavated trench material; allow some space between pipe to protect pipe ends. The pipe should be out of the way of any equipment in a location that will allow excavation to proceed uninterrupted.

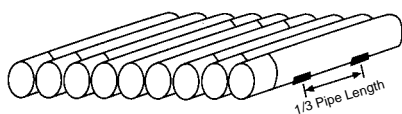


Figure 2: Stockpiling for Bell & Spigot, First Layer



NC-DOT tested, accepted and purchased.



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For additional information you can reach us on the worldwide web @ <http://www.cpp-pipe.com>



CPP SMOOTH-CORE

All Smooth Core Pipe 30" and above is Bell & Spigot

| PRODUCT DESCRIPTION | SIZE | PACKAGE DESCRIPTION | PART # |
|---|---|--|--|
| CPP SMOOTH-CORE BELL & SPIGOT SOLID W/"O" GASKET Your choice of either one or two gaskets | 12" 15" 18" 24" 30" 36" 42" 48" | CPP SMOOTH-CORE SOLID 20' LENGTHS CPP SMOOTH-CORE SOLID 20' LENGTHS CPP SMOOTH-CORE SOLID 20' LENGTHS CPP SMOOTH-CORE SOLID 20' LENGTHS CPP SMOOTH-CORE SOLID 20' LENGTHS CPP SMOOTH-CORE SOLID 20' LENGTHS CPP SMOOTH-CORE SOLID 20' LENGTHS CPP SMOOTH-CORE SOLID 20' LENGTHS | 1245120SC 1545120SC 1845120SC 2445120SC 3045120SC 3645120SC 4245120SC 4845120SC |
| CPP SMOOTH-CORE BELL & SPIGOT DRILLED w/"O" GASKET Your choice of either one or two gaskets | 12" 15" 18" 24" 30" 36" 42" 48" | CPP SMOOTH-CORE - DRILLED - 20' LENGTHS CPP SMOOTH-CORE - DRILLED - 20' LENGTHS CPP SMOOTH-CORE - DRILLED - 20' LENGTHS CPP SMOOTH-CORE - DRILLED - 20' LENGTHS CPP SMOOTH-CORE - DRILLED - 20' LENGTHS CPP SMOOTH-CORE - DRILLED - 20' LENGTHS CPP SMOOTH-CORE - DRILLED - 20' LENGTHS CPP SMOOTH-CORE - DRILLED - 20' LENGTHS | 1215120SC 1515120SC 1815120SC 2415120SC 3015120SC 3615120SC 4215120SC 4815120SC |
| CPP SMOOTH-CORE STORMWATER INFILTRATION, PERFORATED DRILLED STYLE, FULL CIRCUMFERENCE, CLASS 2 | 4" 6" 8" 10" 12" 15" 18" 24" | CPP SMOOTH-CORE/SP2 DRILLED - 20' LENGTHS CPP SMOOTH-CORE/SP2 DRILLED - 20' LENGTHS CPP SMOOTH-CORE/SP2 DRILLED - 20' LENGTHS CPP SMOOTH-CORE/SP2 DRILLED - 20' LENGTHS CPP SMOOTH-CORE/SP2 DRILLED - 20' LENGTHS CPP SMOOTH-CORE/SP2 DRILLED - 20' LENGTHS CPP SMOOTH-CORE/SP2 DRILLED - 20' LENGTHS CPP SMOOTH-CORE/SP2 DRILLED - 20' LENGTHS | 0410020SC 0610020SC 0810020SC 1010020SC 1210020SC 1510020SC 1810020SC 2410020SC |
| CPP SMOOTH-CORE PERFORATED DRILLED STYLE W/ SILT GUARD FILTER SOCK | 4" 6" 8" 10" 12" 15" 18" 24" 30" 36" 42" 48" | SMOOTH-CORE DRILLED - SOCK A - 20' SMOOTH-CORE DRILLED - SOCK A - 20' SMOOTH-CORE DRILLED - SOCK A - 20' SMOOTH-CORE DRILLED - SOCK A - 20' SMOOTH-CORE DRILLED - SOCK A - 20' SMOOTH-CORE DRILLED - SOCK A - 20' SMOOTH-CORE DRILLED - SOCK A - 20' SMOOTH-CORE DRILLED - SOCK A - 20' SMOOTH-CORE DRILLED - SOCK A - 20' SMOOTH-CORE DRILLED - SOCK A - 20' SMOOTH-CORE DRILLED - SOCK A - 20' SMOOTH-CORE DRILLED - SOCK A - 20' SMOOTH-CORE DRILLED - SOCK A - 20' | 0420020SCA 0620020SCA 0820020SCA 1020020SCA 1220020SCA 1520020SCA 1820020SCA 2420020SCA 3025120SCA 3625120SCA 4225120SCA 4825120SCA |
| CPP SMOOTH-CORE SEWER - LEACHATE TREATMENT PIPES DRILLED STYLE HOLES | 4" 6" 8" 10" 12" 15" | CPP SMOOTH-CORE - SEWER - 20' LENGTHS CPP SMOOTH-CORE - SEWER - 20' LENGTHS CPP SMOOTH-CORE - SEWER - 20' LENGTHS CPP SMOOTH-CORE - SEWER - 20' LENGTHS CPP SMOOTH-CORE - SEWER - 20' LENGTHS CPP SMOOTH-CORE - SEWER - 20' LENGTHS | 0430020SC 0630020SC 0830020SC 1030020SC 1230020SC 1530020SC |
| CPP SMOOTH-CORE SEWER LEACHATE TREATMENT PIPES (with filter wrap "B" sock) DRILLED STYLE HOLES | 4" 6" 8" 10" | CPP SMOOTH-CORE NO ROCK TM w/Filter Wrap - 20'* CPP SMOOTH-CORE NO ROCK TM w/Filter Wrap - 20'* CPP SMOOTH-CORE NO ROCK TM w/Filter Wrap - 20'* CPP SMOOTH-CORE NO ROCK TM w/Filter Wrap - 20'* | 0430020SCB* 0630020SCB* 0830020SCB* 1030020SCB* |
| CPP SMOOTH-CORE SOLID NON-PERFORATED PIPES FOR CONVEYANCE OF STORMWATER OR SEWAGE IN NON-PRES- SURE, GRAVITY FLOW APPLICATIONS AND ROAD CULVERTS - n-10 Plain End | 4" 6" 8" 10" 12" 15" 18" 24" | CPP SMOOTH-CORE - SOLID - 20' LENGTHS CPP SMOOTH-CORE - SOLID - 20' LENGTHS CPP SMOOTH-CORE - SOLID - 20' LENGTHS CPP SMOOTH-CORE - SOLID - 20' LENGTHS CPP SMOOTH-CORE - SOLID - 20' LENGTHS CPP SMOOTH-CORE - SOLID - 20' LENGTHS CPP SMOOTH-CORE - SOLID - 20' LENGTHS CPP SMOOTH-CORE - SOLID - 20' LENGTHS | 0440020SC 0640020SC 0840020SC 1040020SC 1240020SC 1540020SC 1840020SC 2440020SC |
| CPP SMOOTH-CORE STORMWATER INFILTRATION PERFORATED DRILLED STYLE - BOTTOM HALF ONLY CLASS 1 | 12" 15" 18" 24" 30" 36" 42" 48" | CPP SMOOTH-CORE/SP 1 DRILLED - 20' CPP SMOOTH-CORE/SP 1 DRILLED - 20' CPP SMOOTH-CORE/SP 1 DRILLED - 20' CPP SMOOTH-CORE/SP 1 DRILLED - 20' CPP SMOOTH-CORE/SP 1 DRILLED - 20' CPP SMOOTH-CORE/SP 1 DRILLED - 20' CPP SMOOTH-CORE/SP 1 DRILLED - 20' CPP SMOOTH-CORE/SP 1 DRILLED - 20' | 1260020SC 1560020SC 1860020SC 2460020SC 3060020SC 3660020SC 4260020SC 4860020SC |



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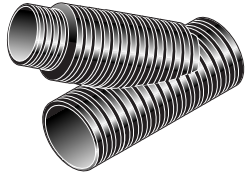
CPP SMOOTH-CORE

CPP Smooth-Core/N-10 fittings are hand fabricated, and are often made to fit specific site needs

| PRODUCT DESCRIPTION | SIZE | PART # | PRICE/EA | PRODUCT DESCRIPTION | SIZE | PART # | PRICE/EA |
|---|---|--|----------|--|---|--|----------|
| CPP - MASTIC WRAP COUPLERS FOR NON-PRESSURE, LEAK RESISTANT CONNECTIONS  | 4" 6" 8" 10" 12" 15" 18" 24" 30" 36" 42" 48" | 04F0416 06F0616 08F0816 10F1016 12F1216 15F1516 18F1816 24F2416 30F3016 36F3616 42F4216 48F4816 | | CPP SMOOTH-CORE REGULAR Y  | 4" x 4" x 4" 6" x 6" x 6" 8" x 8" x 8" 10" x 10" x 10" 12" x 12" x 12" 15" x 15" x 15" 18" x 18" x 18" 24" x 24" x 24" 30" X 30" X 30" 36" X 36" X 36" 42" X 42" X 42" 48" X 48" X 48" | 04F0441SC 06F0641SC 08F0841SC 10F1041SC 12F1241SC 15F1541SC 18F1841SC 24F2441SC 30F3041SC 36F3641SC 42F4241SC 48F4841SC | |
| SHEER GASKET GRAVITY FLOW LEAK RESISTANT COUPLER  | 4" 6" 8" 10" 12" 15" 18" 24" | 04F0414WTSR 06F0614WTSR 08F0814WTSR 10F1014WTSR 12F1214WTSR 15F1514WTSR 18F1814WTSR 24F2414WTSR | | CPP SMOOTH CORE REDUCER TEE  | 6" x 6" x 4" 8" x 8" x 4" 8" x 8" x 6" 10"x10" x 4" 10"x10" x 6" 10"x10" x 8 12" x 12" x 4" 12" x 12" x 6" 12" x 12" x 8" 12" x 12" x 10" | 06F0622SR2 08F0822SR2 08F0822SR3 10F1022SR2 10F1022SR3 10F1022SR4 12F1222SR2 12F1222SR3 12F1222SR4 12F1222SR5 | |
| CPP SMOOTH-CORE REGULAR TEE  | 4" x 4" x 4" 6" x 6" x 6" 8" x 8" x 8" 10" x 10" x 10" 12" x 12" x 12" 15" x 15" x 15" 18" x 18" x 18" 24" x 24" x 24" 30" X 30" X 30" 36" X 36" X 36" 42" X 42" X 42" 48" X 48" X 48" | 04F0421SC 06F0621SC 08F0821SC 10F1021SC 12F1221SC 15F1521SC 18F1821SC 24F2421SC 30F3021SC 36F3621SC 42F4221SC 48F4821SC | | 15" x 15" x 4" 15" x 15" x 6" 15" x 15" x 8" 15" x 15" x 10" 15" x 15" x 12" 18" x 18" x 4" 18" x 18" x 6" 18" x 18" x 8" 18" x 18" x 10" 18" x 18" x 12" 18" x 18" x 15" 24" x 24" x 4" 24" x 24" x 6" 24" x 24" x 8" 24" x 24" x 10" 24" x 24" x 12" 24" x 24" x 15" 24" x 24" x 18" 30" x 30" x 4" 30" x 30" x 6" 30" x 30" x 8" 30" x 30" x 10" 30" x 30" x 12" 30" x 30" x 15" 30" x 30" x 18" 30" x 30" x 24" 36" x 36" x 4" 15F1522SR2 15F1522SR3 15F1522SR4 15F1522SR5 15F1522SR6 18F1822SR2 18F1822SR3 18F1822SR4 18F1822SR5 18F1822SR6 18F1822SR7 24F2422SR2 24F2422SR3 24F2422SR4 24F2422SR5 24F2422SR6 24F2422SR7 24F2422SR8 30F3022SR2 30F3022SR3 30F3022SR4 30F3022SR5 30F3022SR6 30F3022SR7 30F3022SR8 30F3022SR9 36F3622SR2 | 36" x 36" x 6" 36" x 36" x 8" 36" x 36" x 10" 36" x 36" x 12" 36" x 36" x 15" 36" x 36" x 18" 36" x 36" x 24" 36" x 36" x 30" 42" x 42" x 4" 42" x 42" x 6" 42" x 42" x 8" 42" x 42" x 10" 42" x 42" x 12" 42" x 42" x 15" 42" x 42" x 18" 42" x 42" x 24" 42" x 42" x 30" 42" x 42" x 36" 48" x 48" x 4" 48" x 48" x 6" 48" x 48" x 8" 48" x 48" x 10" 48" x 48" x 12" 48" x 48" x 15" 48" x 48" x 18" 48" x 48" x 24" 48" x 48" x 30" 48" x 48" x 36" 48" x 48" x 42" | 36F3622SR3 36F3622SR4 36F3622SR5 36F3622SR6 36F3622SR7 36F3622SR8 36F3622SR9 36F3622SR10 42F4222SR2 42F4222SR3 42F4222SR4 42F4222SR5 42F4222SR6 42F4222SR7 42F4222SR8 42F4222SR9 42F4222SR10 42F4222SR11 48F4822SR2 48F4822SR3 48F4822SR4 48F4822SR5 48F4822SR6 48F4822SR7 48F4822SR8 48F4822SR9 48F4822SR10 48F4822SR11 48F4822SR12 | |
| CPP SMOOTH-CORE CROSS TEE  | 4" 6" 8" 10" 12" 15" 18" 24" 30" 36" 42" 48" | 04F0421SCX 06F0621SCX 08F0821SCX 10F1021SCX 12F1221SCX 15F1521SCX 18F1821SCX 24F2421SCX 30F3021SCX 36F3621SCX 42F4221SCX 48F4821SCX | | Slikstyx® Spray Gasket Lube  | 1 | 900505 | |

PRODUCT DESCRIPTION

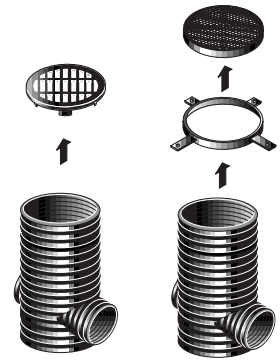
**CPP
SMOOTH-CORE
REDUCER Y**



| SIZE | PART # | PRICE/EA | SIZE | PART # | PRICE/EA |
|-----------------|------------|----------|-----------------|-------------|----------|
| 6" x 6" x 4" | 06F0642SR2 | | 30" x 30" x 10" | 30F3042SR5 | |
| 8" x 8" x 4" | 08F0842SR2 | | 30" x 30" x 12" | 30F3042SR6 | |
| 8" x 8" x 6" | 08F0842SR3 | | 30" x 30" x 15" | 30F3042SR7 | |
| | | | 30" x 30" x 18" | 30F3042SR8 | |
| | | | 30" x 30" x 24" | 30F3042SR9 | |
| 10" x 10" x 4" | 10F1042SR2 | | | | |
| 10" x 10" x 6" | 10F1042SR3 | | 36" x 36" x 4" | 36F3642SR2 | |
| 10" x 10" x 8" | 10F1042SR4 | | 36" x 36" x 6" | 36F3642SR3 | |
| | | | 36" x 36" x 8" | 36F3642SR4 | |
| 12" x 12" x 4" | 12F1242SR2 | | 36" x 36" x 10" | 36F3642SR5 | |
| 12" x 12" x 6" | 12F1242SR3 | | 36" x 36" x 12" | 36F3642SR6 | |
| 12" x 12" x 8" | 12F1242SR4 | | 36" x 36" x 15" | 36F3642SR7 | |
| 12" x 12" x 10" | 12F1242SR5 | | 36" x 36" x 18" | 36F3642SR8 | |
| | | | 36" x 36" x 24" | 36F3642SR9 | |
| | | | 36" x 36" x 30" | 36F3642SR10 | |
| 15" x 15" x 4" | 15F1542SR2 | | | | |
| 15" x 15" x 6" | 15F1542SR3 | | 42" x 42" x 4" | 42F4242SR2 | |
| 15" x 15" x 8" | 15F1542SR4 | | 42" x 42" x 6" | 42F4242SR3 | |
| 15" x 15" x 10" | 15F1542SR5 | | 42" x 42" x 8" | 42F4242SR4 | |
| 15" x 15" x 12" | 15F1542SR6 | | 42" x 42" x 10" | 42F4242SR5 | |
| | | | 42" x 42" x 12" | 42F4242SR6 | |
| 18" x 18" x 4" | 18F1842SR2 | | 42" x 42" x 15" | 42F4242SR7 | |
| 18" x 18" x 6" | 18F1842SR3 | | 42" x 42" x 18" | 42F4242SR8 | |
| 18" x 18" x 8" | 18F1842SR4 | | 42" x 42" x 24" | 42F4242SR9 | |
| 18" x 18" x 10" | 18F1842SR5 | | 42" x 42" x 30" | 42F4242SR10 | |
| 18" x 18" x 12" | 18F1842SR6 | | 42" x 42" x 36" | 42F4242SR11 | |
| 18" x 18" x 15" | 18F1842SR7 | | | | |
| 24" x 24" x 4" | 24F2442SR2 | | 48" x 48" x 4" | 48F4842SR2 | |
| 24" x 24" x 6" | 24F2442SR3 | | 48" x 48" x 6" | 48F4842SR3 | |
| 24" x 24" x 8" | 24F2442SR4 | | 48" x 48" x 8" | 48F4842SR4 | |
| 24" x 24" x 10" | 24F2442SR5 | | 48" x 48" x 10" | 48F4842SR5 | |
| 24" x 24" x 12" | 24F2442SR6 | | 48" x 48" x 12" | 48F4842SR6 | |
| 24" x 24" x 15" | 24F2442SR7 | | 48" x 48" x 15" | 48F4842SR7 | |
| 24" x 24" x 18" | 24F2442SR8 | | 48" x 48" x 18" | 48F4842SR8 | |
| | | | 48" x 48" x 24" | 48F4842SR9 | |
| 30" x 30" x 4" | 30F3042SR2 | | 48" x 48" x 30" | 48F4842SR10 | |
| 30" x 30" x 6" | 30F3042SR3 | | 48" x 48" x 36" | 48F4842SR11 | |
| 30" x 30" x 8" | 30F3042SR4 | | 48" x 48" x 42" | 48F4842SR12 | |

PRODUCT DESCRIPTION

**CPP SMOOTH CORE
CATCH BASINS**

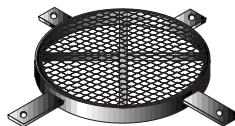


| SIZE | PART # | PRICE/EA | SIZE | PART # | PRICE/EA |
|-----------------|-----------|----------|-----------------|-----------|----------|
| 6" x 4" x 4" | 540644 | | 30" x 4" x 4" | 5403044 | |
| 8" x 4" x 4" | 540844 | | 30" x 6" x 6" | 5403066 | |
| 8" x 6" x 6" | 540866 | | 30" x 8" x 8" | 5403088 | |
| | | | 30" x 10" x 10" | 540301010 | |
| 10" x 4" x 4" | 5401044 | | 30" x 12" x 12" | 540301212 | |
| 10" x 6" x 6" | 5401066 | | 30" x 15" x 15" | 540301515 | |
| 10" x 8" x 8" | 5401088 | | 30" x 18" x 18" | 540301818 | |
| | | | 30" x 24" x 24" | 540302424 | |
| 12" x 4" x 4" | 5401244 | | | | |
| 12" x 6" x 6" | 5401266 | | 36" x 4" x 4" | 5403644 | |
| 12" x 8" x 8" | 5401288 | | 36" x 6" x 6" | 5403666 | |
| 12" x 10" x 10" | 540121010 | | 36" x 8" x 8" | 5403688 | |
| | | | 36" x 10" x 10" | 540361010 | |
| 15" x 4" x 4" | 5401544 | | 36" x 12" x 12" | 540361212 | |
| 15" x 6" x 6" | 5401566 | | 36" x 15" x 15" | 540361515 | |
| 15" x 8" x 8" | 5401588 | | 36" x 18" x 18" | 540361818 | |
| 15" x 10" x 10" | 540151010 | | 36" x 24" x 24" | 540362424 | |
| 15" x 12" x 12" | 540151212 | | 36" x 30" x 30" | 540363030 | |
| | | | | | |
| 18" x 4" x 4" | 5401844 | | 42" x 12" x 12" | 540421212 | |
| 18" x 6" x 6" | 5401866 | | 42" x 15" x 15" | 540421515 | |
| 18" x 8" x 8" | 5401888 | | 42" x 18" x 18" | 540421818 | |
| 18" x 10" x 10" | 540181010 | | 42" x 24" x 24" | 540422424 | |
| 18" x 12" x 12" | 540181212 | | 42" x 30" x 30" | 540423030 | |
| 18" x 15" x 15" | 540181515 | | 42" x 36" x 36" | 540423636 | |
| | | | | | |
| 24" x 4" x 4" | 5402444 | | 48" x 12" x 12" | 540481212 | |
| 24" x 6" x 6" | 5402466 | | 48" x 15" x 15" | 540481515 | |
| 24" x 8" x 8" | 5402488 | | 48" x 18" x 18" | 540481818 | |
| 24" x 10" x 10" | 540241010 | | 48" x 24" x 24" | 540482424 | |
| 24" x 12" x 12" | 540241212 | | 48" x 30" x 30" | 540483030 | |
| 24" x 15" x 15" | 540241515 | | 48" x 36" x 36" | 540483636 | |
| 24" x 18" x 18" | 540241818 | | 48" x 42" x 42" | 540484242 | |

**HEAVY DUTY
(H-20)
CAST IRON**



| | |
|-----|---------|
| 12" | 5100112 |
| 15" | 5100115 |
| 18" | 5100118 |
| 24" | 5100124 |
| 30" | 5100130 |
| 36" | 5100136 |




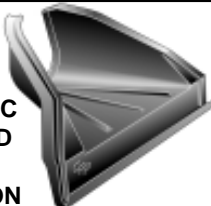


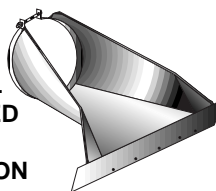
LIGHT DUTY STEEL

GRATE

COLLAR

| | | |
|-----|---------|----------|
| 6" | 110006 | 110006C |
| 8" | 110008 | 110008C |
| 10" | 1100010 | 1100010C |
| 12" | 1100012 | 1100012C |
| 15" | 1100015 | 1100015C |
| 18" | 1100018 | 1100018C |
| 24" | 1100024 | 1100024C |
| 30" | 1100030 | 1100030C |
| 36" | 1100036 | 1100036C |
| 42" | 1100042 | 1100042C |
| 48" | 1100048 | 1100048C |


ALL CATCH BASINS 36" DEEP, PRICED WITH TWO OUTLETS FOR ADDITIONAL OUTLETS, CALL FOR PRICING.

| PRODUCT DESCRIPTION | SIZE | PART # | PRICE/EA | PRODUCT DESCRIPTION | SIZE | PART # | PRICE/EA |
|--|------------|------------|-----------|---|------------|------------|----------|
| CPP SMOOTH CORE 90° ELL  | 4" | 04F0431ASC | | HDPE PLASTIC HEADWALL INLET  | 12" | 900812 | |
| | 6" | 06F0631ASC | | | 15" | 900815 | |
| | 8" | 08F0831ASC | | | 18" | 900818 | |
| | 10" | 10F1031ASC | | | 24" | 900824 | |
| | 12" | 12F1231ASC | | | 30" | 900830 | |
| | 15" | 15F1531ASC | | | 36" | 900836 | |
| | 18" | 18F1831ASC | | 42" | 900842 | | |
| | 24" | 24F2431ASC | | 48" | 900848 | | |
| | 30" | 30F3031ASC | | | | | |
| | 36" | 36F3031ASC | | | | | |
| 42" | 42F4231ASC | | | | | | |
| 48" | 48F4831ASC | | | | | | |
| CPP SMOOTH CORE 90° SWEEP ELL  | 4" | 04F0432ASC | | HDPE PLASTIC FLARED END SECTION  | 12" | 900712 | |
| | 6" | 06F0632ASC | | | 15" | 900715 | |
| | 8" | 08F0832ASC | | | 18" | 900718 | |
| | 10" | 10F1032ASC | | | 24" | 900724 | |
| | 12" | 12F1232ASC | | | 30" | 900730 | |
| | 15" | 15F1532ASC | | 36" | 900736 | | |
| | 18" | 18F1832ASC | | | | | |
| | 24" | 24F2432ASC | | | | | |
| | 30" | 30F3032ASC | | | | | |
| | 36" | 36F3632ASC | | | | | |
| 42" | 42F4232ASC | | | | | | |
| 48" | 48F4832ASC | | | | | | |
| CPP SMOOTH-CORE 45° ELL  | 4" | 04F0431BSC | | TURN- OUT GATE VALVE  | 4" | 500704 | |
| | 6" | 06F0631BSC | | | 6" | 500706 | |
| | 8" | 08F0831BSC | | | 8" | 500708 | |
| | 10" | 10F1031BSC | | | 10" | 500710 | |
| | 12" | 12F1231BSC | | | 12" | 500712 | |
| | 15" | 15F1531BSC | | | 15" | 500715 | |
| | 18" | 18F1831BSC | | | 18" | 500718 | |
| | 24" | 24F2431BSC | | | 24" | 500724 | |
| | 30" | 30F3031BSC | | | 30" | 500730 | |
| | 36" | 36F3631BSC | | | 36" | 500736 | |
| 42" | 42F4231BSC | | 42" | | 500742 | | |
| 48" | 48F4831BSC | | 48" | | 500748 | | |
| CPP SMOOTH-CORE 22 1/2° ELL  | 4" | 04F0431CSC | | CPP SMOOTH-CORE REDUCER  | 6" x 4" | 06F0664SR2 | |
| | 6" | 06F0631CSC | | | 8" x 4" | 08F0864SR2 | |
| | 8" | 08F0831CSC | | | 8" x 6" | 08F0864SR3 | |
| | 10" | 10F1031CSC | | | 10" x 4" | 10F1064SR2 | |
| | 12" | 12F1231CSC | | | 10" x 6" | 10F1064SR3 | |
| | 15" | 15F1531CSC | | | 10" x 8" | 10F1064SR4 | |
| | 18" | 18F1831CSC | | | | | |
| | 24" | 24F2431CSC | | 12" x 4" | 12F1264SR2 | | |
| | 30" | 30F3031CSC | | 12" x 6" | 12F1264SR3 | | |
| | 36" | 36F3631CSC | | 12" x 8" | 12F1264SR4 | | |
| 42" | 42F4231CSC | | 12" x 10" | 12F1264SR5 | | | |
| 48" | 48F4831CSC | | 15" x 4" | 15F1564SR2 | | | |
| SHEAR GASKET GRAVITY FLOW LEAK RESISTANT REDUCER/ ADAPTER  | 4" x 3" | 04F0472SA1 | | 15" x 6" | 15F1564SR3 | | |
| | 6" X 4" | 06F0672SA2 | | 15" x 8" | 15F1564SR4 | | |
| | 8" X 6" | 08F0872SA1 | | 15" x 10" | 15F1564SR5 | | |
| | 10" X 8" | 10F1072SA2 | | 15" x 12" | 15F1564SR6 | | |
| | 12 "X 10" | 12F1272SA1 | | 18" x 4" | 18F1864SR2 | | |
| | 15" X 12" | 15F1572SA1 | | 18" x 6" | 18F1864SR3 | | |
| | 18" X 15" | 18F1872SA1 | | 18" x 8" | 18F1864SR4 | | |
| | | | | 18" x 10" | 18F1864SR5 | | |
| | | | | 18" x 12" | 18F1864SR6 | | |
| | | | | 18" x 15" | 18F1864SR7 | | |
| METAL FLARED END SECTION  | 4" x 3" | 04F0472SA1 | | 24" x 4" | 24F2464SR2 | | |
| | 6" X 4" | 06F0672SA2 | | 24" x 6" | 24F2464SR3 | | |
| | 8" X 6" | 08F0872SA1 | | 24" x 8" | 24F2464SR4 | | |
| | 10" X 8" | 10F1072SA2 | | 24" x 10" | 24F2464SR5 | | |
| | 12 "X 10" | 12F1272SA1 | | 24" x 12" | 24F2464SR6 | | |
| | 15" X 12" | 15F1572SA1 | | 24" x 15" | 24F2464SR7 | | |
| | 18" X 15" | 18F1872SA1 | | 24" x 18" | 24F2464SR8 | | |
| | | | | 30" x 4" | 30F3064SR2 | | |
| | | | | 30" x 6" | 30F3064SR3 | | |
| | | | | 30" x 8" | 30F3064SR4 | | |
| | | | 30" x 10" | 30F3064SR5 | | | |
| | | | 30" x 12" | 30F3064SR6 | | | |
| | | | 30" x 15" | 30F3064SR7 | | | |
| | | | 30" x 18" | 30F3064SR8 | | | |
| | | | 30" x 24" | 30F3064SR9 | | | |
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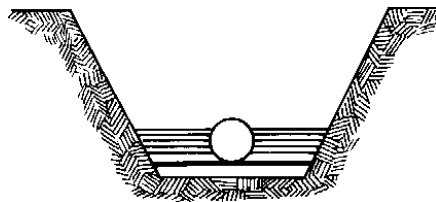


CPP SMOOTH-CORE/N-10 STATE ROAD CULVERT PIPE



| PRODUCT DESCRIPTION | SIZE | PKG. DESCRIPTION | PRICE | SIZE | PKG. DESCRIPTION | PRICE |
|--|------|------------------|-------|------|------------------|-------|
| CULVERT PIPE  (with Smooth Interior Liner) | 12" | 20 Ft. Lengths | | 30" | 20 Ft. Lengths | |
| | 15" | 20 Ft. Lengths | | 36" | 20 Ft. Lengths | |
| | 18" | 20 Ft. Lengths | | 42" | 20 Ft. Lengths | |
| | 24" | 20 Ft. Lengths | | 48" | 20 Ft. Lengths | |

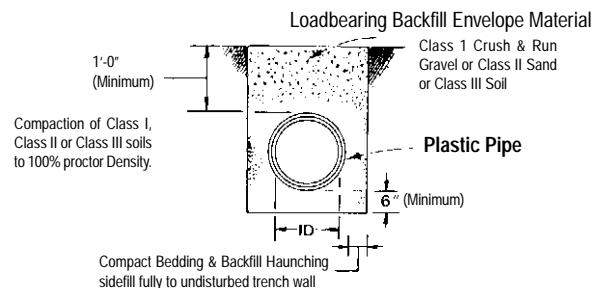
High Density Polyethylene plastic culvert pipe has been in use on private farm roads now for over 30 years. From 1989 forward a number of states have approved it for drive way culvert and catch basin slope drain pipes or median drains. Pipes used on public roads are to be installed per AASHTO standards, and should be CPP'S DUAL-WALL CORRUGATED with SMOOTH INTERIOR LINER.



Compact bedding and the envelope zone in layers to eliminate soft spots that can cause shifting. Compact fully to firm trench wall on each side to assure total firm support.

Both CPP SINGLE-WALL corrugated and CPP DUAL-WALL SMOOTH CORE corrugated meet the same AASHTO-M-294 pipe standard. The two styles are differentiated by the addition of the two letters "SW" and "SC" to the end of the AASHTO-M-294 Spec. The SW indicates SINGLE-WALL and the SC indicates SMOOTH-CORE. Corrugated plastic pipes have been buried as shallow as 12 inches and as deep as 104 feet in highway live load situations.

PIPE & SOIL SYSTEM DIAGRAM



To meet AASHTO live load H-20 (32,000 lbs. per axle) culvert burial standards, CPP pipes should be buried in a **LOADBEARING ENVELOPE** of crushed stone, **COMPACTED** sand or a **COMPACTED** dry **CLASS III** soil. If stone is used, 95% Standard Proctor Density **COMPACTION** can be attained upon dumping and hand leveling. However, if Sand or Class III soils are used, the **ENVELOPE MATERIAL** should be **FEATHER DUMPED** in 6" layers for sand, and 3" layers for Class III Soil. This is especially important on the sides and the bottom 180 degrees of the pipe. Each layer should be compacted fully to the undisturbed side wall of the trench to prevent side shifting of the **SOIL-PIPE** profile. A compacted foundation bed of 6" below the pipe trench grade is also needed for good longitudinal support to prevent sagging reverse grades, and to provide a good foundation at coupling junctions.

To protect CPP pipes from H-25/H-30 construction loads prior to paving, a **MOUNDING RAMP** of 2 feet of compacted soil over the pipe should be utilized. The **MOUNDING RAMP** should extend to each side of the pipe for a distance of 1½ times the diameter of the pipe. This precaution should be taken at all construction cross-over sites.

This installation outline is only an introductory guide. The actual installation requirements can vary from site to site and state to state depending on local soil conditions. Many states will allow the use of CPP pipes for Culvert or slope drains under 12" of **COMPACTED** soil cover; others may require 18" of **COMPACTED** soil cover to accommodate washboard rutting. Local public road officials should be contacted prior to purchase and installation. It should also be noted that the installation of any pipe in areas of expected significant re-settlement loadings, such as Dams, Trenches near building Foundations, Retaining Walls, Sanitary Landfills, Trenches over 20 feet deep or Highly unstable soils require site-specific, special Engineering that is beyond the scope of general installation practices. OSHA Regulations, likewise, **DEMAND** a site-specific Engineer's design for all trenches 20 feet or deeper, regardless of a pipe's raw material base.

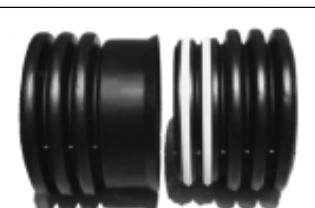
EXTRA PERFORMANCE COUPLERS



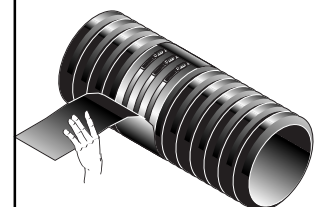
SILT TIGHT SPLIT COUPLER WITH GASKET



CPP UNI-SEAL™ WITH ONE "O" RING FOR SILT-TIGHT PROTECTION



CPP TWIN-SEAL™ COUPLER WITH TWO "O" RINGS FOR LEAK RESISTANCE



CPP MASTIC WRAP COUPLER NON-PRESSURE, LEAK RESISTANT

(Note: CPP Regular Soil-Tight, Non-Gasket Couplers Also Available)



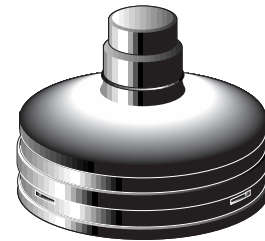
Crumpler's No-Rock™ Fabric Wrapped Septic Pipe



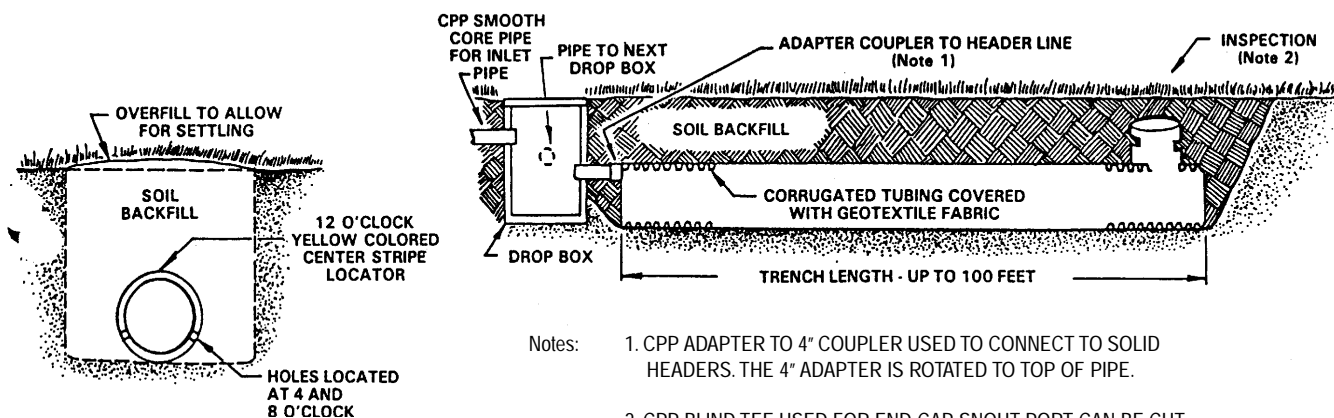
Blind Tee's





Snap Combo End Cap/4" Reducer/Adapter



CPP Gravelless Trench Construction Details



- Notes:
1. CPP ADAPTER TO 4" COUPLER USED TO CONNECT TO SOLID HEADERS. THE 4" ADAPTER IS ROTATED TO TOP OF PIPE.
 2. CPP BLIND TEE USED FOR END-CAP. SNOUT PORT CAN BE CUT OUT FOR INSPECTION.

|  | TYPE | SIZE | PART NO. | PACKAGE DESCRIPTION | PRICE |
|---|---|------|----------|--|-------|
| |  | 8" | 0830020B | CRUMPLER'S NO-ROCK™ SEPTIC - 20 ft. with filter wrap | |
| | | 10" | 1030020B | CRUMPLER'S NO-ROCK™ SEPTIC - 20 ft. with filter wrap | |

Large diameter CPP GRAVELLESS septic tank trench systems use a filter wrap that allows for the installation of septic treatment pipes without gravel. The advantage in using CPP NO-ROCK is evident in areas where there is a shortage of inexpensive quality rock or where the shape and topography of a lot hinder the access of heavy construction equipment.

Less equipment use means more trees can be saved, less lot grading is needed, and thus fuel and labor are saved. Line On-Center (**OC**) spacing separation will utilize less width space, but local codes will apply. Also, local codes should be consulted for soil types that are acceptable for these systems.

- Eliminates Rock
- Saves On Lot Grading

- Saves Trees On Lot
- Saves on Installation Labor

- Saves Fuel
- Increases Lot Value

To Spec (HDPE) Corrugated Plastic Pipe Spec as:

ASTM General Construction

CPP-ASTM-F-405 (3" - 6")

CPP-ASTM-F-677 (8" - 24")

CPP-ASTM-F-2306 (12" - 60")

AASHTO Highway Construction

CPP-AASHTO-M-252 (3" - 10")

CPP-AASHTO-M-294 (12" - 60")

OUR PIPE IS LABORATORY TESTED



PHONE 910-525-4046 / (800) 334-5071

24 HR. FAX SERVICE (800) CPP-PIPE

WEB SITE: www.cpp-pipe.com

The East Coast's Largest Producer Under One Roof

