

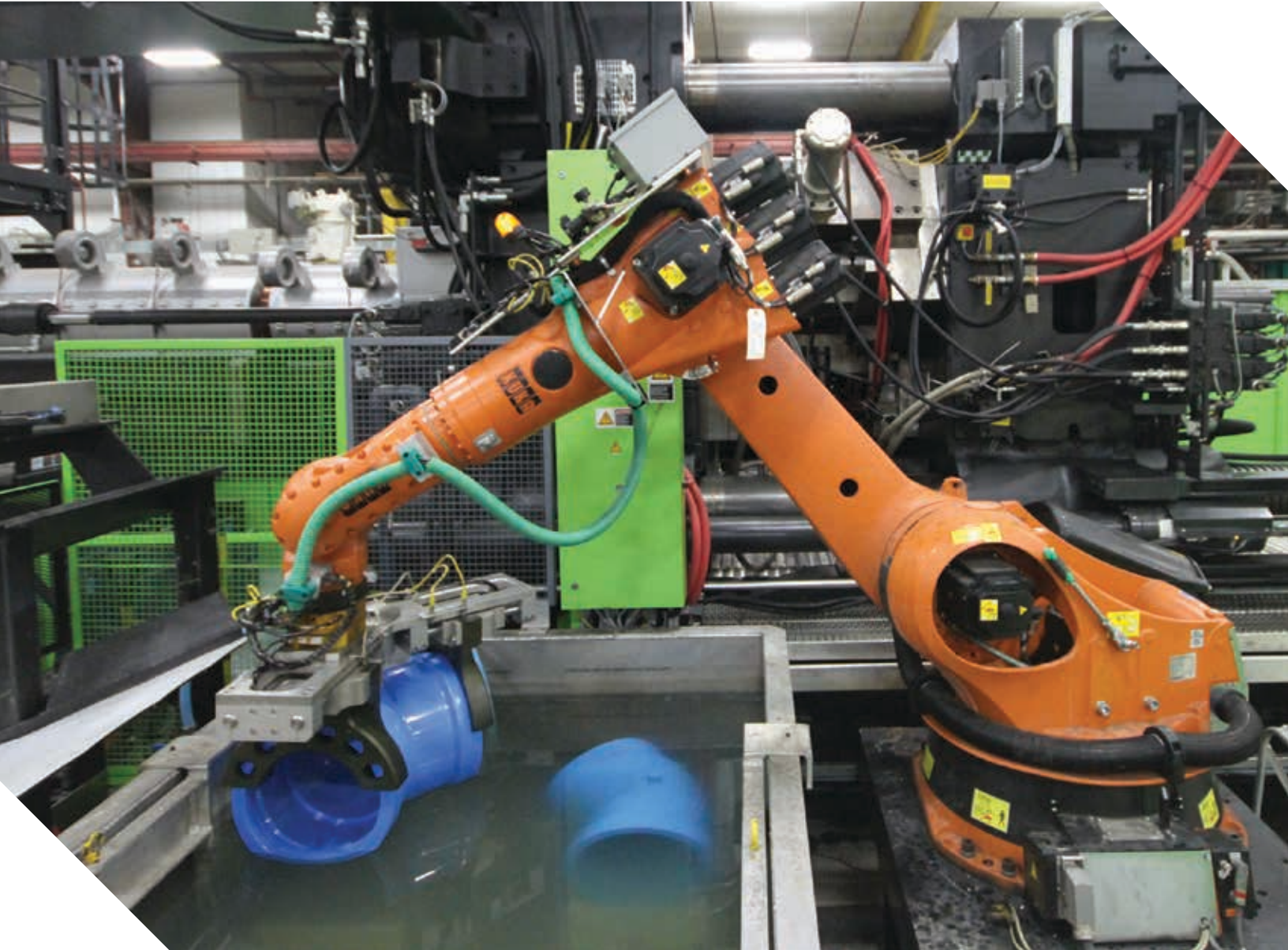


MULTI FITTINGS

BLUE BRUTE[®]
FITTINGS



BLUE BRUTE FITTINGS



Commitment to **Higher Standards**



MULTI FITTINGS

Since 1954, Multi Fittings has been in the business of designing and manufacturing PVC fittings for the municipal water and sewer market. Today, Multi Fittings offers the widest range of injection-molded fittings in the Municipal market. Multi Fittings offers a complete product range that spans both pressure and gravity applications, backed by technical and service support that is crucial for success with today's demanding projects and tight timelines.

ADVANTAGES of Molded PVC Fittings

ENGINEERED FOR STRENGTH

The body of Pressure Class (PC) 235* Blue Brute fittings has walls at least 125% of the wall thickness of Pressure Class 235* Blue Brute pipe of the same size.

* FM PC185

LIGHT-WEIGHT / COMPACT DESIGN

The light weight design of Blue Brute fittings requires less energy to transport and will provide easier handling on the jobsite.

CORROSION RESISTANT

Made of non-corroding PVC, Blue Brute fittings will not rust or corrode in aggressive soils. Consequently, costly sacrificial anodes and expensive protective coatings commonly used with metal fittings are not required.

GASKET OPTIONS

All Blue Brute fittings are shipped with standard gaskets that accept cast-iron-sized PVC pipe. Should a more chemically resistant gasket be necessary due to hydrocarbon ground contaminants, Buna-N (Nitrile) gaskets are available. Blue Brute fittings can be ordered with transition gaskets for connecting to ASTM D2241 or DWV pipe.

BIONAX® COMPATIBILITY

Blue Brute fittings are fully compatible with Bionax PVCO pipe made to AWWA C909.



HIGH COMMITMENT to Quality with Blue Brute Fittings



DIMENSIONAL TESTS

The minimum wall thickness of the Blue Brute molded fitting body must be at least 125% of the wall thickness of AWWA C900 DR18 pipe of the same size.



MATERIAL TESTS

PVC compound must meet the requirements of cell classification 12454 according to ASTM D1784. The compound must also have a Hydrostatic Design Basis (HDB) of 4,000 psi.



D1784



755 psi



BURST PRESSURE TESTS

Blue Brute fittings must have a Quick Burst Strength of 755 psi, the same as Pressure Class 235 (DR18) pipe, when tested in accordance with ASTM D1599.





QUALIFICATION TESTS

Fittings are subjected to long-term pressure tests described in ASTM D1598. They demonstrate an average extrapolated long term pressure strength of 470 psi at 100,000 hrs.



FUSION TESTS

Randomly selected fittings must pass a heat reversion test ensuring optimum homogeneity.

MULTI FITTINGS **Blue Brute Fittings** Meet These Standards



AWWA C907 Injected Molded Polyvinyl Chloride (PVC) Pressure Fittings, 4" through 12" (100mm through 300mm), for Water, Wastewater and Reclaimed Water Service



CSA B137.2 Polyvinyl Chloride (PVC) Injection-Moulded Gasketed Fittings for Pressure Applications



UL 1285 Pipe and Couplings, Polyvinyl Chloride (PVC), and Oriented Polyvinyl Chloride (PVC) for Underground Fire Services



FM 1612 Polyvinyl Chloride (PVC) Pipe and Fittings for Underground Fire Protection



Compound listed by National Sanitation Foundation for potable water service



NQ 3660-950 Safety of Products and materials in Contact with Drinking Water

C907 BLUE BRUTE MOLDED PVC FITTINGS



90° Elbow (BxB)

Inches	Product Code
4	073150
6	073151
8	073152
10	373012
12	373013



45° Elbow (BxB)

Inches	Product Code
4	073120
6	073121
8	073122
10	373123
12	373124



22-1/2° Elbow (BxB)

Inches	Product Code
6	073106
8	073107
10	373108
12	373109



11-1/4° Elbow (BxB)

Inches	Product Code
* 4	273104
6	073091
8	073092



Tee (BxBxB)

Inches	Product Code
4	073285
6	073286
6 x 4	073241
8	073287
8 x 4	073242
8 x 6	073243
10	373288
10 x 4	373239
10 x 6	373244
10 x 8	373250
12	373289
12 x 4	373272
12 x 6	373245
12 x 8	373246
12 x 10	373247



Reducer (B x SP)

Inches	Product Code
* 6 x 4	273211
8 x 6	073212
10 x 8	273213
12 x 10	273214



Coupling with Stop (B x B)

Inches	Product Code
4	073030
6	073031
8	073032



Repair Coupling (B x B)

Inches	Product Code
4	073404
6	073406
8	073408



Tapped Plugs (NPT Threads)

Inches	Product Code
4 x 3/4	273192
4 x 1	073193
4 x 1-1/2	073194
4 x 2	273195
6 x 3/4	273199
6 x 1	273200
6 x 1-1/2	273201
6 x 2	273196
8 x 3/4	073203
8 x 1	073204
8 x 1-1/2	073197
8 x 2	273198



Plug (Plain End)

Inches	Product Code
4	073180
6	073181
8	073182
10	073183
12	073184



New Fitting - Hydrant Tee (B x B x SP)

Inches	Product Code
10 x 6	273989
12 x 6	273070



Inches

Product Code

Tapped Coupling

4 x 4 x 3/4	073267 (AWWA Thread)
4 x 4 x 1	073268 (AWWA Thread)
6 x 6 x 3/4	073256 (AWWA Thread)
6 x 6 x 1	073257 (AWWA Thread)
* 6 x 6 x 1-1/4	273144 (AWWA Thread)
6 x 6 x 1-1/2	073300 (AWWA Thread)
6 x 6 x 1-1/2	073301 (NPT Thread)
6 x 6 x 2	073299 (AWWA Thread)
6 x 6 x 2	073258 (NPT Thread)
8 x 8 x 3/4	073259 (AWWA Thread)
8 x 8 x 1	073260 (AWWA Thread)
* 8 x 8 x 1-1/4	273147 (AWWA Thread)
* 8 x 8 x 1-1/2	273265 (AWWA Thread)
8 x 8 x 1-1/2	073264 (NPT Thread)
8 x 8 x 2	073266 (AWWA Thread)
8 x 8 x 2	073261 (NPT Thread)

**Double Tapped Coupling**

6 x 6 x 3/4 x 3/4	073305 (AWWA Thread)
6 x 6 x 1 x 1	073308 (AWWA Thread)
8 x 8 x 3/4 x 3/4	073290 (AWWA Thread)
8 x 8 x 1 x 1	073307 (AWWA Thread)

* Fabricated fitting.

For alternate gasket options and additional fabricated fittings, please refer to our C907 Blue Brute Fittings Price List

Short Form Specification

PVC fittings 4" – 12" in diameter shall be injection molded and comply with the requirements of AWWA C907 and be certified to CSA B137.2. Molded fittings will be made of PVC compound with a minimum hydrostatic design basis of 4000 psi. All fittings will be colour coded blue. Molded fittings must be Factory Mutual approved and listed by Underwriters Laboratories International (ULI).



Toll Free: 800 265-1815
www.MultiFittings.com

Products are manufactured by IPEX Inc. and distributed in the United States by Multi Fittings Corp.