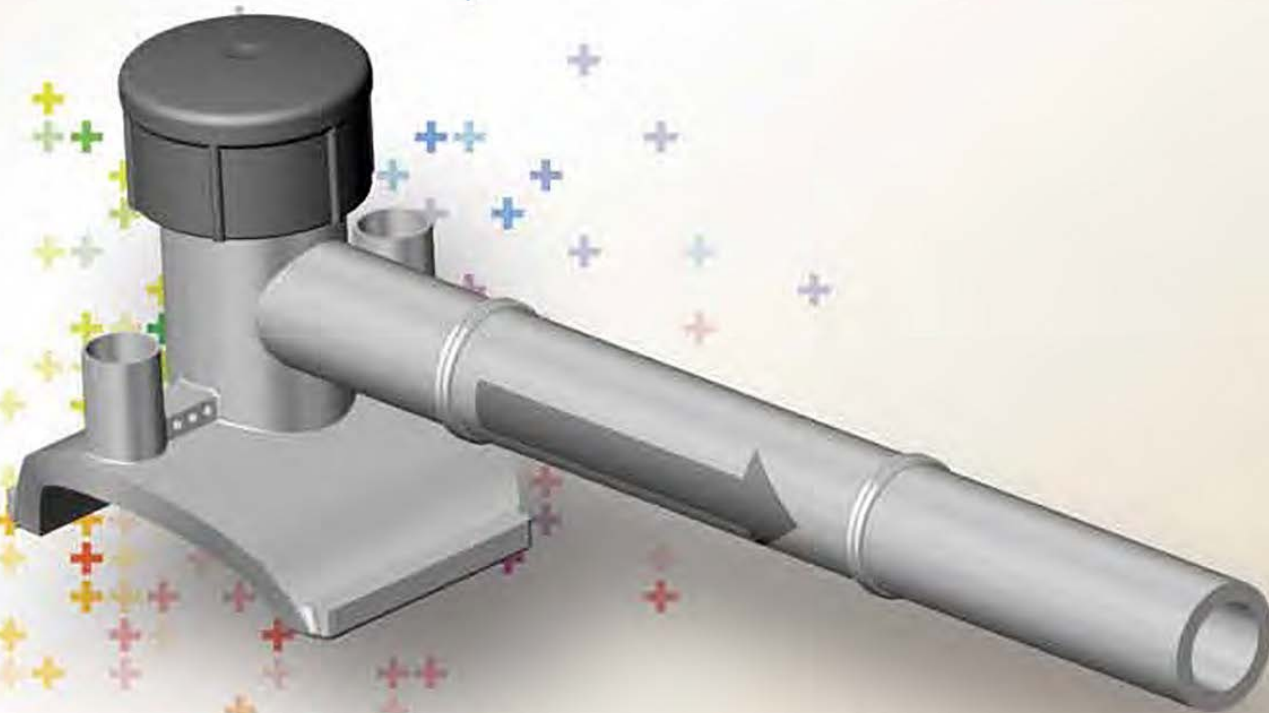


Electrofusion Fittings



SECOR

EXPERIENCE IS CENTRAL.

Georg Fischer Central
Plastics is the industry
leader in designing
and manufacturing
electrofusion fittings.

Gas | Water & Waste Water |
Energy | Industrial

EVERYTHING ELECTROFUSION

At Georg Fischer Central Plastics, we are experts in electrofusion. We pioneered and introduced the concept of electrofusion to industries throughout the United States in 1983. Today, we design and manufacture everything electrofusion, including quality fittings, installation tools and advanced processors. Everything you need to close the gap.

All of our products and equipment are manufactured in Shawnee, Oklahoma under the highest ISO 9001 quality standards. With a long history of innovation, our in-house engineering design capabilities are leading edge. We continue to develop products and solutions to meet the demands and challenges of today's piping infrastructure. Georg Fischer Central Plastics offers a world of experience in manufacturing leak-free and durable systems.

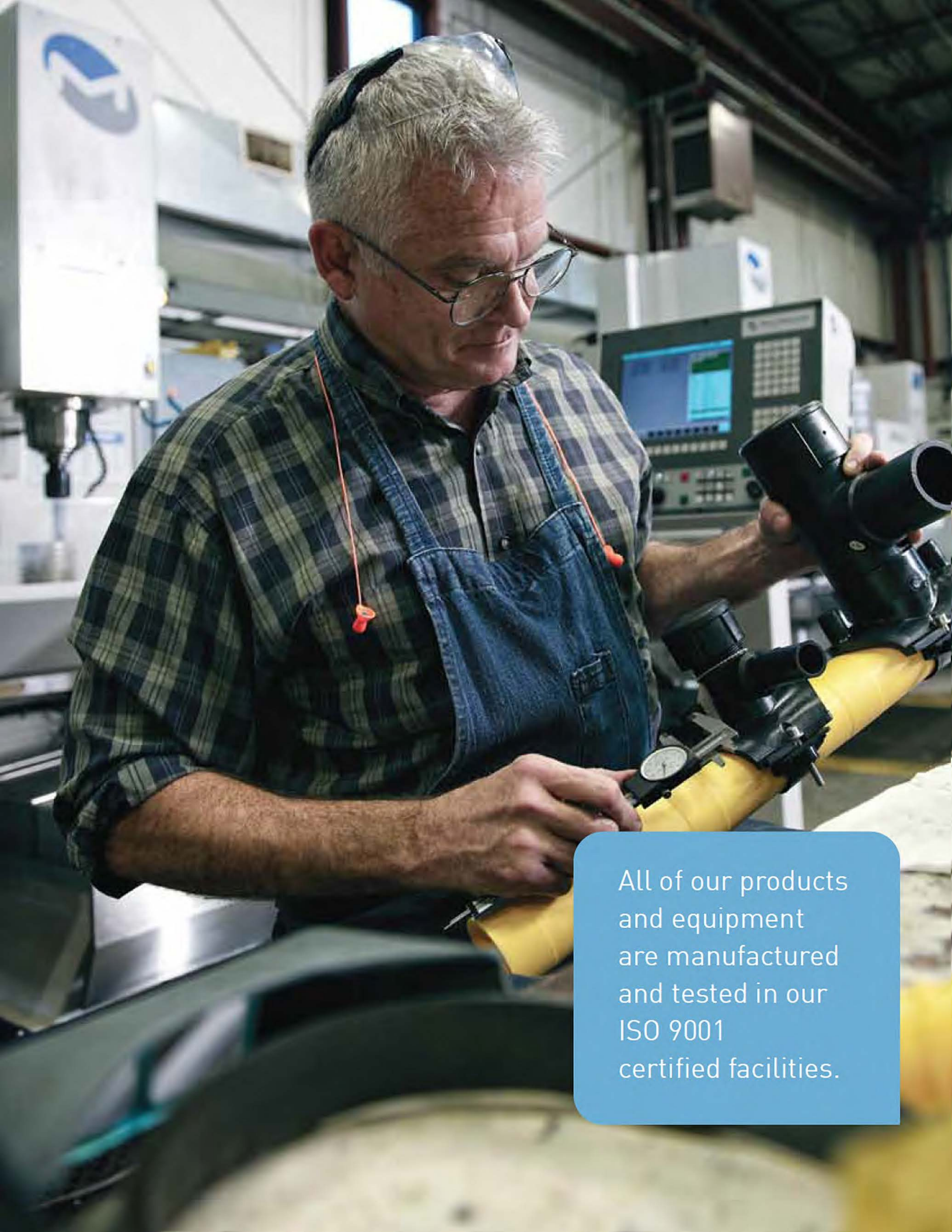
ADVANCED IN-HOUSE TESTING

All electrofusion fitting lines are tested in our in-house facility.

- ASTM D1599 - Minimum Hydraulic Burst Pressure Test
- ASTM D1598 - Sustained Pressure Test
- ASTM F1055 Tensile Strength Test
- Joint Integrity Test
- ASTM F1055 9.4.1 Crush test of pipe without separation from electrofusion zone
- ASTM D3034 - Gasketed Outlet Tested to 30 psi > 100 hrs (where applicable)
- PE3408/PE4710 fittings are tested to the requirements of AWWA C906 (where applicable)

STATE-OF-THE ART MANUFACTURING

- Fully controlled production system
- ISO 9001 quality system
- High volume capabilities
- Robotic manufacturing
- Fully-automated injection molding cells
- Tool & die facility
- 3-D SolidWorks Modelling
- Mold-Flow analysis
- Linear and non-linear FEA analysis for stress/strain and thermal modeling



All of our products and equipment are manufactured and tested in our ISO 9001 certified facilities.

Electrofusion Fittings.

EF FITTINGS:

Most electrofusion fittings can be supplied with an integral identification resistor that is recognized by Georg Fischer Central Plastics' processors to automatically set the proper fusion parameters.

All electrofusion fittings are supplied with a 24-digit ISO compliant barcode label, which facilitates the simple input of correct fusion parameters (regardless of your brand of electrofusion processor).

- Designed and manufactured in accordance with ASTM F-1055 for use with pipe conforming to ASTM D2513/3035, F-714 and with Butt fittings conforming to ASTM D3261 as applicable.
- PE2406/PE2708 and PE3408/PE4710 electrofusion fittings are produced from high quality virgin resins that have designated listings of PE2406/2708 or PE3408/ PE4710, both of which comply with ASTM D3350.

FEATURES:

- Compatible for fusion to either PE2406/PE2708 or PE3408/PE4710 and other similar pipe
- Cross-fusion compatible without special fusion instructions
- Pressure rated for natural gas and potable water applications
- Available in metric sizes
- PE3408/PE4710 fittings:
 - Utilize NSF listed resin
 - Tested to the requirements of AWWA C906
 - FM approved (where applicable)
 - CSA Certification (where applicable)

EF EQUAL TEES IN DEVELOPMENT



1/2" CTS - 1 1/2" IPS molded EF 90s & equal tees
3-4-6" EF equal tees, 90s & 45s

COUPLINGS



EF COUPLINGS

PE2406/2708

½" CTS - 1 ¼" CTS
½" IPS - 8" IPS
NGAO = 80 psi
MAOP = N/A

PE3408/ PE4710

½" CTS - 1 ¼" CTS
½" IPS - 12" IPS
1 ¼" SIDR
4" DIPS - 12" DIPS
NGAO = 100 psi
MAOP = 200 psi



EF LARGE DIAMETER COUPLINGS

PE3408/ PE4710

14" IPS - 26" IPS
14" DIPS - 24" DIPS
NGAO = Currently N/A
MAOP = 200 psi

END CAPS



EF END CAP ASSEMBLY

PE2406/PE2708

½" CTS - 1 ¼" CTS
1 ¼" IPS - 6" IPS
NGAO = 80 psi
MAOP = N/A

PE3408/PE4710

½" CTS - 1 ¼" CTS
¾" IPS - 8" IPS
NGAO = 100 psi
MAOP = 160 psi



REDUCERS

EF REDUCERS

PE2406/PE2708

1" CTS - 1 ¼" CTS
¾" IPS - 6" IPS
{3" IPS - 6" IPS are kits}
NGAO = 80 psi
MAOP = N/A

PE3408/PE4710

1 ¼" CTS
¾" IPS - 2" IPS
NGAO = 100 psi
MAOP = 160 psi

Sizes listed above are
MAXIMUM pipe size.

1 ¼ IPS x 2" IPS

NGAO = Natural Gas Allowable Operating Pressure
MAOP = Municipal Application Operating Pressure



Saddle Fittings.

TAPPING TEES



EF TAPPING TEE WITH SOCKET OR BUTT OUTLET

PE2406/PE2708

Main Sizes: 1 1/4" IPS -
10" IPS

Outlet Sizes: 1/2" CTS &
IPS, 3/4" IPS, 1" IPS & CTS



EF TAPPING TEE TRAINER

PE3408/PE4710

Main Sizes: 1 1/4" IPS -
12" IPS

Outlet Sizes: 1/2" CTS -
1 1/4" CTS, 1/2" IPS - 1" IPS
Also available in yellow
2406/2708

See our catalog for specific base size, outlet type and
outlet size availability.

BRANCH SADDLES



BRANCH SADDLE WITH 1 1/4" - 2" OUTLET & 2" - 12" BASE



FULL PRESSURE BRANCH SADDLES

Main Sizes: 8" X 4" IPS -
12" X 8" IPS



BRANCH SADDLE WITH 4" OUTLET WITH 4" - 6" BASE



FULL PRESSURE BRANCH SADDLE - TOP LOAD

Main Sizes: 8" X 6" -
48" X 8" IPS/DIPS



LOW PRESSURE BRANCH SADDLE*

Main Sizes: 8" X 6" - 48" X 8" IPS/DIPS

*Restricted pressure rating limited to 50 PSI.

See our catalog for specific base size and pressure ratings
for each Branch Saddle style.



EF TAPPING TEE WITH EXCESS FLOW VALVE

See our catalog for specific base and outlet sizes and pressure rating for each branch saddle style.



EF TAPPING TEE WITH STAB OUTLET



EF HIGH VOLUME TAPPING TEES

PE2406/PE2708

Main Sizes: 2" IPS – 12" IPS

Outlet Sizes: 1 1/4" IPS – 2" IPS

PE3408/PE4710

Main Sizes: 2" IPS – 12" IPS

and 4" DIPS – 12" DIPS

Outlet Sizes: 1 1/4" IPS – 2" IPS

TRANSITION



EF TRANSITION CORP SADDLES

PE3408/PE4710

Main Sizes: 2" IPS – 12" IPS and 4" DIPS – 12" DIPS

Outlet Sizes: 3/4" CC – 2" CC and 3/4" FPT – 2" FPT

This product is available in stainless steel or brass.

SEWER SADDLES



EF GASKETED SEWER SADDLES

PE3408/PE4710

Main Sizes: 6" IPS – 48 IPS", 8" DIPS – 48" DIPS, Multi-Base 8" – 10"

Outlet Sizes: 4" IPS, 6" IPS, 4" PSM, 6" PSM

HALF COUPLING



EFHVTT WITH AN EF OUTLET

PE3408/PE4710

Main Sizes: 2" IPS – 12" IPS and 4" DIPS – 12" DIPS

Outlet Sizes: 2" IPS

FLEX RESTRAINT



EF FLEX RESTRAINTS

PE3408/PE4710

Main Sizes: 6" – 63"

Works on solid wall pipe 6" IPS & larger

BRANCH UNIONS



EF BRANCH UNIONS

PE3408/PE4710

Main Sizes: Multi-Base 7" – 10" and 6" Fixed Base

Outlet Sizes: 4" IPS, 4" Sch 80 or 4" Cap

Installation Tools.

We carry or can source all the electrofusion tools you need for the job.

Call us for availability of other sizes and dimensions.

SECOR
www.secoronline.com
281-556-1661

SCRAPING TOOLS

Pipe preparation and avoiding contamination are very important in the electrofusion process. Careful attention must be given to proper scraping and cleaning procedures.

EFV SCRAPER



CONCEPT SCRAPER



PENCIL TYPE SCRAPERS

1/2" CTS - 2" CTS and 1/2" IPS - 2" IPS



COUPLING SCRAPERS



MACHINED ROTARY SCRAPERS

1 1/4" - 8"



MOLDED SCRAPERS

2" CTS and 1 1/4" IPS - 6" IPS



CAST ROTARY SCRAPERS

1 1/4" - 8"



LARGE DIAMETER COUPLING SCRAPERS

Ritmo 2" - 6" Set,
Ritmo 3" - 12" Set,
Ritmo 14" - 28" Set

RESTRAINT TOOLS

COUPLING CLAMPS

SIDE WALL CLAMPS



LOCKING PLIER CLAMPS

1 1/4" CTS – 2" CTS and 1 1/4" IPS – 2" IPS



UNDER CLAMPS

Various sizes: 1 1/4" – 6"



REDUCING CLAMPS

1/2" CTS – 2" CTS , 1/2" IPS – 2" IPS
3/4" x 1/2" – 1 1/4" x 1"



MINI CLAMPS

1/2" CTS – 1 1/4" CTS and 1/2" IPS – 1" IPS



T-CLAMPS

2", 4", 6" – 8"



RATCHET STRAP

For Flex Restraint Application



MULTI-CLAMP KITS AND LINERS

For 2" – 4" Pipe
(other liners & accessories available)



MEGA-CLAMP KIT

For 6" – 14" Pipe



TOP LOAD CLAMP

For use on 8" to 12" pipe

Re-rounding Tools & Accessories.

RE-ROUNDING TOOLS



PIPE RE-ROUNDING TOOLS

12" IPS/DIPS – 20" IPS/DIPS

20" IPS/DIPS – 28" IPS/DIPS

TOOLS & ACCESSORIES



PUNCH TOOL



BLOW-BY RESTRICTER PUNCH TOOL



TEST CAPS

SECOR