

Media Release

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Product Overview

Under the slogan "All about you" GF Piping Systems is presenting a wide range of products from 08 to 11 April at the IFH/Intherm 2014 in Nuremberg. In addition to proven systems for drinking water supply to households and public buildings various innovations will be shown.



Hycleen Des 30

The Hycleen Des 30 is a device for highly effective solutions against bacteria – even in cold water applications. By means of diaphragmalysis an electro-activated disinfectant solution is made from water and salt. Diaphragmalysis offers numerous advantages: it ensures a safe disinfection, avoids contamination of drinking water and prevents microbially induced corrosion. This method allows furthermore temperature reduction, for example in warm water applications, resulting in a large potential for energy savings.



JRG CleanLine Filter

Water filtering with the JRG CleanLine Filter prevents particles from entering and thus contaminating the piping system. The innovative backwash technology is extremely effective so that a bypass filter is not required. The filter also features minimal installation height and is easily retrofitted thanks to the same installation lengths as the proven pressure reducers JRGURED 1300/1130 and JRGURED Combi 1350. No more replacing filter inserts with the JRG CleanLine Filter. The JRG CleanLine Filter is available with and without

pressure reducing valve. It will be available with an optional automatic backwash function from April on.

Dimensions: DN25 to DN32

Pressure range: up to 16 bar

Temperature range: up to +30°C

Main applications: Building Technology

Benefits: no filter replacement, minimal installation height, automatic backwash option



INSTAFLEX BTV 2

The INSTAFLEX BTV 2 is a completely re-engineered system valve. The proven LegioStop technology from GF JRG featuring a spindle drive free of contact to the medium has been readapted. The valve is fully flooded, so there is no stagnant water in its housing. This ensures the highest level of hygiene. All wetted materials are tested and approved for the markets of Europe, the Middle East and Asia rendering the new system valve BTV 2 state of the art.

Dimensions: d20 mm to d63 mm

Pressure range: up to 16 bar

Temperature range: -5°C to +95°C

Main applications: Building Technology, Marine

Vorteile: pressure loss optimized, no stagnant water



INSTAFLEX

INSTAFLEX provides a complete solution, whether for single-family homes, housing complexes, public or commercial buildings. It is an all-inclusive, all-plastic system for hot and cold water domestic installations – from basement distribution via riser pipes to fine distribution. The polybutene-based system features easy and practical jointing, resistance to temperature fluctuations and a positive energy balance. The rational prefabrication as well as the faster and easier assembly are additional striking features of the INSTAFLEX system.

Material: Polybutene

Dimensions: d16mm to d225mm

Pressure range: up to 16 bar

Temperature range: -5°C to +95°C

Main applications: Building Technology, Marine

Benefits: noise-reducing, safe and fast installation, economical prefabrication



iFIT

For fine distribution in small dimensions, the iFIT push-fit system ideally complements the INSTAFLEX system. This tool-free connection method stands out thanks to its simplicity and fast installation. The modular component system also means 50% fewer parts and more options compared to conventional installation systems. With iFIT, the installer decides which pipe material to use depending on the particular application, whether plumbing or heating. For plumbing installations, there is a choice between the flexible polybutene system for fine distribution of drinking water and the dimensionally stable multilayer composite pipe for basement distribution and riser pipes in single-family homes or apartment complexes.

Dimensions: d16mm to d32mm

Pressure range: up to 16 bar

Temperature range: 0°C to +95°C

Main applications: Building Technology, Marine

Benefits: fast, easy and safe push-fit connection, fewer tools, fewer investment costs, less inventory



iJOINT

The new iJOINT has been specially developed for use in water distribution systems. The innovative design enables an easy, fast and save assembly, even in confined spaces and harsh climatic conditions. The coated lip gasket system makes the product unique and resistant. iJOINT unites the many benefits of plastic: no corrosion, no deposits, low weight, no leakage and tight seal. An optimal cost-benefit ratio and a lifetime of at least 50 years underscore the competitive advantage offered by iJOINT.

Material: Polypropylene

Dimensions: d20 mm to d110 mm

Pressure range: up to 16 bar

Temperature range: -10°C to +45°C

Main applications: Building Technology, Industry, Utility

Benefits: fast and easy installation, lip gasket, safe construction and long lifetime



JRG Sanipex classic / Sanipex MT

The jointing technology of the JRG Sanipex drinking water installation systems affords peace of mind thanks to full-capacity pipe cross-sections without dead legs. Moreover, JRG Sanipex systems feature minimal pressure loss and hardly any flow noise. The systems are easy and flexible to install even under cramped conditions. Thanks to the detachable system components in the JRG Sanipex product range, drinking water systems can be easily expanded at any time.

JRG Sanipex systems consist of a water-conducting inner pipe made of cross-linked polyethylene (PE-X) within a protective insulating pipe, laid directly from the basement or floor distributors to the fittings. All water-conducting system parts, such as manifolds, bends, valves and transitions, are made of red brass – a highly corrosion-resistant alloy.

Dimensions: d12 mm to d65 mm

Pressure range: up to 25 bar

Temperature range: 0°C to +70°C

Main applications: Building Technology

Benefits: dead-leg-free piping system, minimal pressure loss, combinable multilayer pipes



LegioTherm

The JRG LegioTherm systems are implemented wherever hot water circulation is combined with regulated thermal disinfection. They offer protection from biofilm growth and microbiological contamination. With the help of temperature monitoring, JRG LegioTherm systems guarantee hot water comfort and signal deviations to the building operator. As the central control function can be linked to a PC network, using JRG LegioTherm significantly reduces operating and maintenance efforts.

Dimensions: DN15 to DN20

Pressure range: up to 10 bar

Temperature range: up to +90°C

Main applications: Building Technology

Benefits: automatic temperature-controlled circulation, monitored thermal disinfection, high reliability



JRGUTHERM 2T

JRGUTHERM 2T is a thermostatic circulation controller for hot water with two angle-seat valves and optional thermal disinfection. Thanks to the two thermostats, this circulation controller offers high control accuracy in normal and disinfection operation. The temperature can be set to the precise degree required. The exact thermal and hydraulic balancing enables energy savings. No more complex calculations of preset values.

Plant constructors and operators therefore benefit from an optimally adjusted system.

Dimensions: DN15 to DN20

Pressure range: up to 10 bar

Temperature range: +35°C to +75°C

Main applications: Building Technology

Benefits: no calculation of preset values, two temperatures, two thermostats



PRIMOFIT

PRIMOFIT is a compression fitting made of malleable cast iron, which offers full end load capability. Additionally it allows an angular deviation of the connected pipes up to 3° per compression joint. It is available with black or hot dip galvanized surface. PRIMOFIT is suitable for the connection of steel pipes, PE pipes, lead pipes and special steel pipes.

Material: White heart malleable cast iron (EN-GJMW-400-5)

Dimensions: DN10-DN80

Pressure range: up to 16 bar

Temperature range: -20°C to +105°C

Main applications: Building Technology, Industrial Applications, Utility

Benefits: no special tools required, modular system with spare packs for different applications



COOL-FIT

COOL-FIT ABS Plus is a completely pre-insulated plastic pipe system for secondary cooling and refrigeration systems operated with brine or water diluted glycols. The system is based on proven and cold-shock resistant ABS pipes and fittings, which are insulated with high quality PUR foam in addition to a robust and UV resistant outer pipe. The 3-in-1 construction also reduces installation time to a minimum.

Dimensions: d25/90 mm to d225/315 mm

Pressure range: up to 10 bar

Temperature range: -50°C to +40°C

Main applications: Industrial Cooling, Food and Beverage Production

Benefits: excellent energy efficiency, corrosion free, minimal installation time, low weight

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About GF Piping Systems

GF Piping Systems is a division of the Georg Fischer AG group of companies which also includes GF Automotive and GF Machining Solutions. Founded in 1802, the Corporation is headquartered in Schaffhausen, Switzerland, and wholly owns 124 individual entities, employing 14,000 employees across 30 countries. In 2013, Georg Fischer AG generated revenues totaling CHF 3.77 billion. Georg Fischer is a globally preferred partner for the safe transport of liquid and gases, vehicle weight reduction and high-precision manufacturing technologies.

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