

turatec® multi

**Das Verbundrohr für Trinkwasser
und Heizung**

**Composite pipes for domestic water
supply and heating systems**



**DRAINAGE SYSTEMS
ELECTRICAL SYSTEMS
BUILDING TECHNOLOGY
INDUSTRIAL PRODUCTS**



turatec® multi – Verbundrohr auf hohem Qualitätsniveau

Das Verbundrohr

Das hochwertige Verbundrohr des Trinkwasser- und Heizungsrohr-Installationssystems turatec multi besteht innen und außen aus hochtemperaturbeständigem Polyethylen (PE-RT) und dazwischen flexibles stumpfverschweißtes Aluminium. Die drei Schichten sind durch spezielle Verbundschichten zu einer dauerhaften Einheit verbunden – für höchste Ansprüche, hervorragende Funktion und extreme Langlebigkeit.



Zahlreiche Zulassungszertifikate bescheinigen international ein hohes Qualitätsniveau.

Vereint Vorteile von Metall

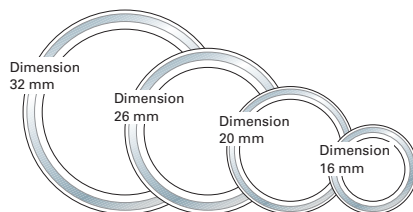
- geringe thermische Ausdehnung
- diffusionsdicht
- formstabil

und Kunststoff

- korrosions- und inkrustationsbeständig
- geringes Gewicht

Exakt nach Maß

Für individuelle Systemlösungen bietet FRÄNKISCHE turatec multi in den Dimensionen 16 – 32 mm als Ringware an. Bei allen Rohrdimensionen können wirtschaftlich Bögen erstellt werden. Das Verbundrohr ermöglicht optimale Biegeradien – Dimensionen bis 20 mm können leicht von Hand gebogen werden.



Die Vorteile

- geringe Geräuschübertragung
- günstige Fließeigenschaften
- Korrosionsbeständigkeit
- hohe chemische Beständigkeit
- gute Verträglichkeit mit anderen Werkstoffen
- geringe thermische Längenausdehnung, vergleichbar mit Kupfer
- intelligente Fittings mit 3 möglichen Presskonturen (F-TH-B)

Wichtig speziell bei der Trinkwasserinstallation

- hygienisch unbedenklich
- inkrustationsfrei

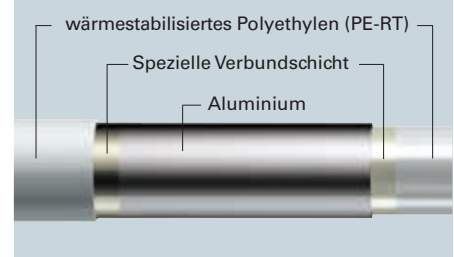
Wichtig speziell bei der Heizungsinstallation

- 100%ige Sauerstoffdichtheit
- max. Betriebsdruck 10 bar bei Dauerbetriebstemperatur 70 °C
- max. Betriebstemperatur 95 °C

Erstklassiges Material

- international zertifiziert
- hygienisch unbedenklich
- Dimensionen von 16 bis 32 mm
- umfangreiches Fittingsortiment

Metall und Kunststoff im Verbund





turatec® multi – A high-quality composite pipe

The composite pipe

The superior composite pipe for use in heating and drinking water systems consists of an inner and outer layer of raised temperature resistant polyethylene (PE-RT) and a core of flexible, butt-welded aluminium. The 3 layers are permanently bonded together by intermediate adhesive layers - for highest demands, outstanding reliability and excellent durability.



International accreditations and approvals are numerous and certify the system's high quality.

Combines the advantages of metal

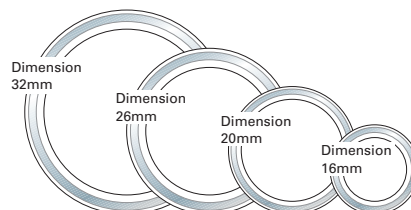
- Low thermal expansion
- Impermeability to diffusion
- Dimensional stability

and plastic

- Resistant to corrosion and incrustation
- Light-weight

Pipes to measure

FRÄNKISCHE offers turatec multi in different sizes ranging from 16 to 32mm, coiled, to match specific situations. All pipe dimensions can be efficiently bent. The composite pipe provides optimum bend radii – dimensions up to 20mm can easily be bent by hand.



Premium material

- Internationally accredited and approved
- Hygienically sound
- Dimensions range from sizes of 16 to 32mm
- Wide assortment of fittings

The advantages

- Excellent sound absorption properties
- Optimum flow properties
- Corrosion resistance
- High chemical resistance
- Superior compatibility with other materials
- Low linear thermal expansion, comparable to copper
- Intelligent fittings with 3 possible crimping contours (F-TH-B)

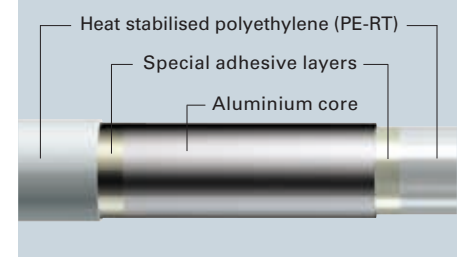
Critical for water supply piping systems

- Hygienically sound
- Incrustation-resistant

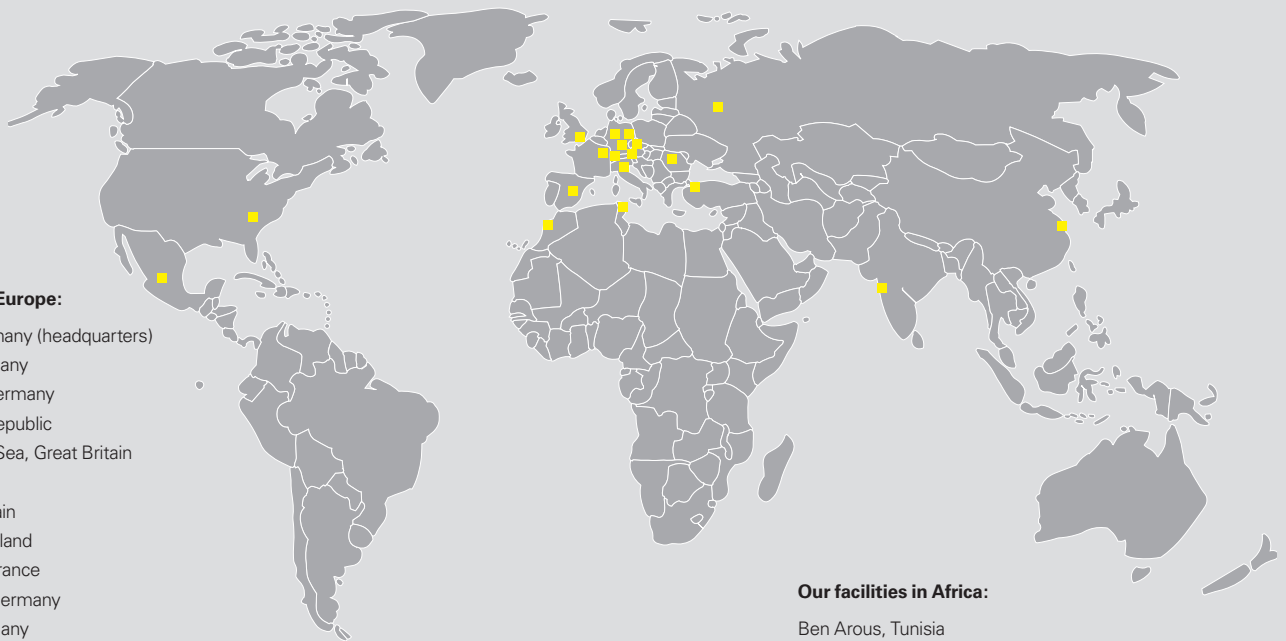
Critical for heating systems

- 100 percent oxygen-impermeable
- Maximum operating pressure of 10 bar at a maximum continuous operating temperature of 70 °C
- Maximum operating temperature of 95 °C

Metal and plastic combined



Rooted in Königsberg – globally successful!



Our facilities in Europe:

Königsberg, Germany (headquarters)
 Bückeberg, Germany
 Schwarzheide, Germany
 Okříšky, Czech Republic
 St.-Leonards-on-Sea, Great Britain
 Moscow, Russia
 Yeles/Toledo, Spain
 Rebstein, Switzerland
 Torcy-le-Grand, France
 Ebersbach/Fils, Germany
 Hermsdorf, Germany
 Mönchaltorf, Switzerland
 Milan, Italy
 Istanbul, Turkey
 Turda, Romania
 Wels, Austria

Our facilities in Asia:

Anting/Shanghai, China
 Pune, India

Our facilities in Africa:

Ben Arous, Tunisia
 Casablanca, Morocco

Our facilities in North America and Mexico:

Anderson, USA
 Guanajuato, Mexico

FRÄNKISCHE is an innovative, growth oriented, medium-sized family-owned enterprise and industry leader in the design, manufacturing and marketing of technically superior corrugated pipe systems for drainage, electrical, building technology and industrial applications.

We currently employ about 2,700 people worldwide. Both our many years of experience and expertise in plastics pro-

cessing, our consulting services and the large array of products are highly valued by our customers.

FRÄNKISCHE is a third generation family owned business that was established in 1906 and is now run by Otto Kirchner. Today, we are globally represented with production facilities and sales offices. The proximity to our customers enables us to develop products

and solutions that are perfectly tailored to our customers' needs. Our action and business philosophy focus on our customers and their needs and requirements for our products.

FRÄNKISCHE – Your partner for sophisticated and technologically advanced solutions.