



FLEXIBLE SOLUTIONS
FOR DEMANDING
INDUSTRIAL APPLICATIONS

COMPOSITE HOSES

RUBBER EXPANSION JOINTS

STAINLESS STEEL HOSES

STAINLESS STEEL EXPANSION JOINTS

AMNIFLEX
Member of Plastiflex Group

FLEXIBLE SOLUTIONS ENGINEERED FOR PERFORMANCE, SAFETY AND DURABILITY

Amniflex designs and manufactures high-quality flexible solutions for industrial applications where reliability, chemical resistance and precision are critical. Amniflex combines technical know-how with application-driven engineering.

COMPOSITE HOSES

Composite hoses are designed for the safe transfer of liquids and chemicals under demanding conditions. Their multilayer construction offers excellent flexibility, chemical resistance and low weight, making them ideal for loading and unloading operations in chemical, petrochemical and industrial environments.

KEY BENEFITS

- High chemical compatibility
- Lightweight and flexible
- Suitable for suction and discharge
- Designed for safe fluid transfer



RUBBER EXPANSION JOINTS

Rubber expansion joints compensate for movements and vibrations in piping systems. They protect installations from stress and reduce noise and vibration, extending the lifetime of connected equipment.



KEY BENEFITS

- Absorption of movement and vibration
- Reduction of mechanical stress
- Noise and vibration damping
- Suitable for a wide range of media

STAINLESS STEEL HOSES

Stainless steel hoses are engineered for applications requiring high pressure, high temperature resistance and long service life. They provide excellent mechanical strength while maintaining flexibility in complex applications.

KEY BENEFITS

- High pressure and temperature resistance
- Excellent corrosion resistance
- Long operational lifetime
- Flexible design for complex installations



STAINLESS STEEL EXPANSION JOINTS

Stainless steel expansion joints are designed to absorb axial, lateral and angular movements in piping systems operating under extreme conditions. They ensure system integrity while accommodating thermal expansion and mechanical loads.



KEY BENEFITS

- Compensation of thermal expansion
- High resistance to pressure and temperature
- Durable and robust construction
- Suitable for critical industrial systems

SPECIAL SOLUTIONS & CUSTOM ENGINEERING

ENGINEERED TO MEET YOUR SPECIFIC REQUIREMENTS

Amniflex offers custom-engineered solutions tailored to specific applications, environments and regulations. Our team works closely with customers to develop solutions that meet exact technical, operational and safety requirements.

RANGE OF POSSIBILITIES:

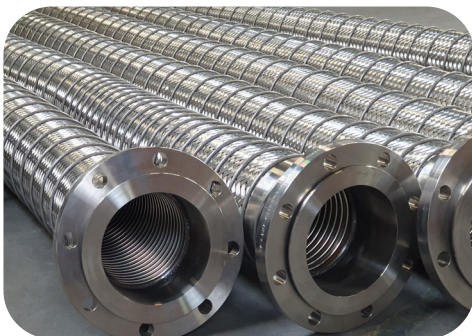
- According custom required specifications
- Custom dimensions and materials
- Dogleg hoses
- Heat traced hoses
- Double wall hoses
- Twin compensators
- Hinged expansion joints

QUALITY & TESTING

- Production to NEN-EN13765 and NEN ISO 10380
- In house testing according to ISO10380 and EN1402
- Dye penetrant according to ISO & ASME
- Positive Material Identification (PMI)
- PED2014/68/EU, ANEXIII, module D1
- ISO9001
- ISO3834-2

Looking for a tailored solution?

Get in touch: amniflex@plastiflex.com



ENGINEERED FLEXIBLE SOLUTIONS YOU CAN TRUST

Get in touch with Amniflex to discuss your application or challenge. Our experts are ready to support you with the right solution, standard or according customer specifications.



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