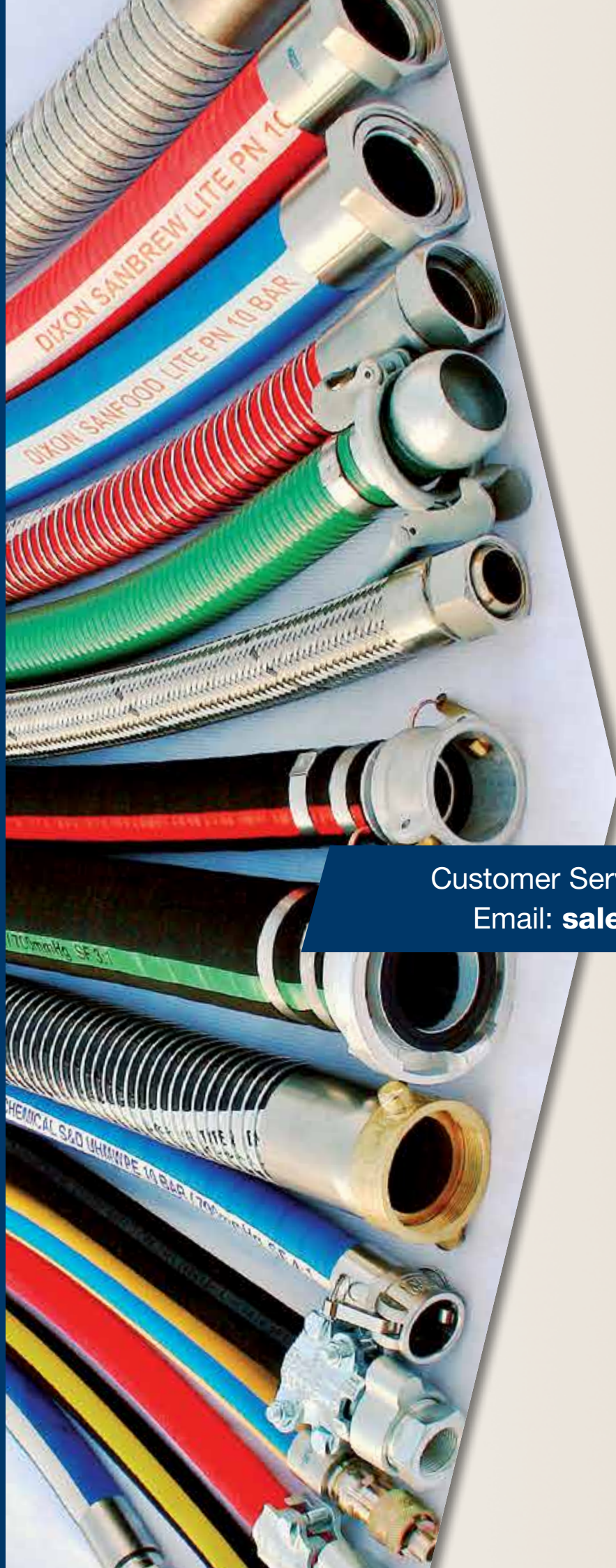


• CUSTOMER SERVICE • INNOVATION • MANUFACTURING • QUALITY • TECHNICAL EXPERTISE • EXCELLENCE • DESIGN •



The Right Connection™

Hose Range

Customer Service: **+44 (0)1772 323529**

Email: **sales@dixoneurope.co.uk**

www.dixoneurope.co.uk

Metallic



Versatile, robustly constructed hose manufactured to BS EN ISO 10380:2012. Class 1. Ideally suited to dynamic, vibrating or static duties, under pressure or vacuum, for conveying liquids or gasses.

Industries:

- Petrochemical • Power generation • Cryogenics
- Nuclear • Vacuum Technology • Air Conditioning
- Instrumentation • Offshore

Construction/Materials:

- Hose x Braid: AISI 321 x AISI 304
AISI 316L x AISI 304
AISI 316L x AISI 316L
- Convoluted Core Only
- Single /Double & Triple Braid
- HP High Pressure
- THP High Pressure
- A range of standard and close pitch (superior flexibility) constructions

Protective accessories available to improve resistance to abrasion, heat, corrosion, operator handling etc.

- Bore Sizes: 6mm to 300mm
- Working Pressure: 5 bar to 293 bar
- Temperature Range: -273°C to + 650°C

Assemblies available with a full range of options including:

- Threaded
- Flanged
- Cam & Groove Fittings
- Bespoke Special End Connections
- Radiograph
- NDT
- Dyepen
- Full Material and Test Certification available.
- Welder Certifications to EN & ASME Standards

PTFE



Extensive range of smooth bore and flexible convoluted hose assemblies.

Industries:

- Pharmaceuticals • Biotech • Food Processing
- Chemical • Petroleum • Cosmetic • Automotive
- Offshore

Construction/Materials:

- FDA Approved virgin white and black antistatic PTFE

Smooth Bore

Grade 304 stainless steel overbraid (Grade 316 to order).

- Bore Sizes: 6mm to 25mm
- Working Pressure: 69 bar to 241 bar
- Temperature Range: -60°C to +260°C

Convoluted Bore (with or without helical wire)

Grade 304 stainless steel (grade 316 to order) or synthetic polymer.

- Bore Sizes: 10mm to 100mm
- Working Pressure: 1 bar to 172 bar
- Temperature Range: - 60°C to +260°C

Assemblies available with a full range of end fittings & options including:

- Threaded
- Flanged
- Cam & Groove fittings
- Bespoke Special End Connections
- Electrical, Steam & Heat Trace
- Special covers for protection against abrasion, heat, corrosion, improved operator handling

All Hose Assemblies compliant with Pressure Equipment Directive 97/23/EC

Rubber



A comprehensive range of industrial rubber hoses for a variety of applications, environments and media.

Air

- Bore Size: 5mm to 102mm
- Working Pressure: up to 69 bar
- Temperature Range: -20°C to +135°C
- Standards: BS EN ISO 2398: 2008

Water

- Bore Size: 5mm to 300mm
- Working Pressure: up to 20 bar. Vacuum 0.9 bar
- Temperature Range: -20°C to +120°C

Steam

- Bore Size: 12 mm to 76 mm
- Working Pressure: up to 18 bar
- Temperature Range: -40°C to +232°C
- Standards: BS 5122:1986, BS5342:1985
BS EN ISO 6134: 2005

Oil, LPG

- Bore Size: 6mm to 300mm
- Working Pressure: up to 20 bar. Vacuum 0.9 bar
- Temperature Range: -40°C to +100°C
- Standards: EN 1762:2003, BS EN ISO 1825 :2011,
BS EN12115 :1997, EN ISO 1761 :1999

Chemical/ Multi-Purpose

- Size 6mm to 300mm
- Working Pressure: up to 16 bar. Vacuum 0.9 bar
- Temperature Range: -40°C to +100°C
- Standards: BS EN 12115:1997

Food and Beverage, Silicone

- Bore Size: 12mm to 102mm
- Working Pressure: up to 16 bar. Vacuum 0.9 bar
- Temperature Range: -60°C to +180°C
- Standards: FDA, European Pharmacopoeia, BgVV and USP
- Compounds free from phthalates and animal derivatives

Composite



Composite Hose for handling a range of media whether on road or rail tankers, ship to shore or general duty on plants.

Oil

- Bore sizes: 19mm to 250mm
- Working Pressure: up to 15 Bar. Vacuum 0.9 bar
- Temperature Range: -40°C to +100°C

Chemical

- Bore sizes: 19mm to 250mm
- Working Pressure: up to 15 Bar. Vacuum 0.9 bar
- Temperature Range: -40°C to +100°C

PTFE Lined Chemical

- Bore sizes: 19mm to 250mm
- Working Pressure: up to 15 Bar. Vacuum 0.9 bar
- Temperature Range: -40°C to +100°C

Cryogenic - Liquefied Natural Gas (LNG).

- Bore sizes: 19mm to 250mm
- Working Pressure: up to 13 bar. Vacuum 0.9 bar
- Temperature Range: -175°C to +80°C

Cryogenic - Liquid Petroleum Gas (LPG)

- Bore sizes: 19mm to 250mm
- Working Pressure: up to 25 bar. Vacuum 0.9 bar
- Temperature Range: -50°C to +80°C

Assemblies are electrically resistant to <10 ohms to BS5842:1980 clause 6.2 (EN ISO 8031).

Specification or Approval Standards:

BS EN 13765:2010, EN 13766:2003 Type 1 & 2, Class A & B, IMO Chemical Carrier Code, American Coastguard Regulation, DNV, RINA.

All Hose Assemblies compliant with Pressure Equipment Directive 97/23/EC



Hose & Hose Assemblies

Spiral PVC



The range of high quality spirally reinforced PVC hoses, some with polyurethane are suited to transferring a variety of media, whether liquid or large or small particulates, within industries serving the non food or food sectors.

Water/Slurries/Abrasive Media

- Bore Sizes: 19mm to 304mm
- Working Pressure: 1.5 bar to 7 bar. Vacuum 0.9 bar
- Temperature Range: -40°C to +60°C

Oil

- Bore Sizes: 25mm to 152mm
- Working Pressure: 1.5 bar to 6 bar. Vacuum 0.7 bar
- Temperature Range: -20°C to +60°C

Food

- Bore Sizes: 19mm to 200mm
- Working Pressure: 2 bar to 8 bar. Vacuum 0.5 bar to 0.7 bar
- Temperature Range: -5°C to +60°C

Suitable according to Reg. CE1935/2004 and Reg. UE 10/2011 for contact with food stuff.

Hand Built – Bulkstream™



This special range of what are often referred to as hand-built hoses generally facilitates features or specifications to a hose that is unique to a customers application.

Applications:

- Fuels • Oils • Diesel • Sea water • Drill water • Water
- Mud • Chemicals • Dry powders • Sand • Animal feed
- Grain • Flour • Cement • Gravel • Glass cullet
- Barytes etc

Hoses used at dockside or ship to ship often are often specified to BS EN1765: 2004 for the transfer of all grades of petroleum products including crude oils.

A wide range of rubber compounds, hose constructions, cover types/finishes terminations, couplings and hose & coupling security is available.

- Bore Size: 51mm to 1000mm
- Working Pressure: 3.5 bar to 40 bar. Vacuum 0.9 bar
- Temperature Range: -30°C to +150°C

Hose Services



Extensive in-house hose assembling capabilities are under pinned by a traceable Quality System in accordance with BS EN ISO 9001:2008.

- Non Destructive Hose Testing
- On-site Mobile Inspection & Surveys
- Hose Management & Test Services
- In-house Technical Design & CAD
- Pressure Equipment Directive Accredited Manufacturer

Hose Fittings



- Air & Water Fittings
- Cam & Groove
- Crimp & Swage Fittings – Holedall™
- Fittings & Adapters
- Hose Couplings & Clamps
- Hygienic Valves & Fittings
- Petroleum, Dry Bulk & Overfill Protection Products
- Quick Release Couplings
- Steam Couplings & Clamps – Boss™
- Swivel Joints

All Hose Assemblies compliant with Pressure Equipment Directive 97/23/EC