



ASGARD INDUSTRIAL SYSTEMS LTD.

AIS Custom Made Connectors

An expansion joint is utilized to isolate vibration, absorb expansion, or purely as a sleeve for the transfer of powder and bulk solids for human consumption. Within the industry expansion joints may be known under several names as follows: duct connectors, sleeves, socks, stocking, belt, gasket, bellows, flexibles or silo seal.

Typical customers for these products are Pharmaceutical and Food Manufacturers which would include Dairy (whey, casein, and milk powder), bakery (flours etc.) and food ingredients mainly dried and dehydrated including seasonings, coffee, tea, egg, dried foods e.g. potatoes etc.

The product strengths are as follows:

- Product is tried and tested since 2004
- ATEX compliant
- FDA (American Food and Drug) European food approved materials
- Product strength and product life
- High temperature capabilities
- Customer service
- Custom-made in Ireland.
- Low-cost order on buyer's books
- Can be easily cleaned and reused
- Competitively priced
- Custom made to fit, different sizes and shapes
- Strategic location close to airports, ports and motorways
- Light-weight for transport and distribution
- Integral earthing wire (optional extra)
- Easy to install
- High burst strength

Main Range of Materials of Construction:

- Polyester Coated with Silicone
- Glass Fabric Silicone Coated
- Glass Fabric Teflon Coated
- Polyurethane
- Fabric coated PVC
- Other Materials available on request





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Quick Action Coupling

Anti-Static Atex FDA Thermoplastic Polyester based Polyurethane Duct Connectors.

Polyurethane Duct Connectors are flexible connectors fitted with a quick action coupling. Welding stainless steel flanges into the flexible connection gives a smooth flow profile and makes the entire connection airtight without the need for a gasket ring.

The connectors are extremely easy to fit and guarantee pressure resistance and a correct fit through the use of clamping rings.



Characteristics:

Transparent, Food Approved Polyurethane with excellent mechanical properties and wear resistance, good damping characteristic and high resilience performance.

FDA / ECC compliance:

Food and Drug Administration: American quality label

ECC 1935/2004:European norm.

Other materials available.

AIS-HTJ Band Clamps

- Any size available from 250mm diameter
- Smaller sizes available at lower breaking strength
- Stainless steel construction
- Band Tensile Strength = 1150 N/mm² approx. (75 tons / in²)
- Recommended Band Setting Torque = 15Nm (130lb.in)
- Quick Release Breaking Strength = 450kg
- Band Clamps come complete with Quick Release and Adjuster
- Protective Silicone Profile available on request

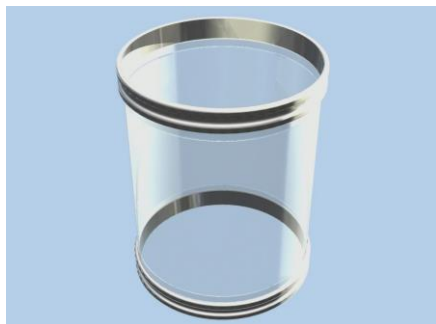




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Other Industry alternatives offered:

BFM Fittings



Weighing bellows



Rubber convoluted and hand fabricated expansion joints

