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Flexible connectors are designed to contain substances passing between fixed points. Whether this be air in a **heating, ventilation and air conditioning (HVAC)** system or cement between hopper and wagon in a bulk materials handling application.

Flexible connectors can also accommodate movement in metal ductwork caused by misalignment, vibration, thermal expansion or shrinkage.

Benefits include:

Operational temperatures from -60°C and +250°C.

Available in circular or rectangular shapes.

Large diameters of up to 1500mm are available.

Integral steel reinforcement ensures stability

Efficient control of environmental pollution

Specially developed materials can counteract the high temperatures, pressures and chemical concentrations found in modern industry.

Applications include:

Flexible ducting.

Wide range of designs available for HVAC applications.

Cement handling.

Grain loading.

Food processing.

Material/Fabric

Viton Coated Glass-cloth – Aluminised Laminated Glass – Silicone Coated Glasscloth – Silicone Film – Silicone Nomex – Silicone Coated Kevlar – Vamac Coated Polyester – Butyl Coated Nylon – PVC/Nitrile Coated Cotton – Hypalon Coated Nylon – Neoprene Coated Nylon – PU Coated PET – PVC Coated Polyester – PVC Coated Nylon – PVC Film

Size and Shape

Round – Oval – Cylindrical – Rectangular – Square – Box – Flat – Roof – Sloping – Tapered – Odd Shape – Custom Shape – Large (up to 5m) – Small (40mm)



What we need to know to quote safely.

Dimensions

What is the outside diameter and material of the pipe that would fit in dimensions **A**?

What is the outside diameter and material of the pipe that would fit in dimensions **B**?

Are both **A & B** round?

If they are square or rectangular we need to know.

What is the overall length –**C**, at rest of the connector you require?

What is the overall length at largest displacement?

Is there vertical movement between the pipes (**D**) ?

Vertical stroke distance?

Speed of vertical stroke?

Is there horizontal movement between the pipes (**E**)?

Horizontal stroke distance?

Speed of horizontal stroke?

Medium

What is the medium you are trying to contain?

Is any other medium used here for cleaning?

Temperature

What is the normal working temperature?

What is the peak temperature?

Pressure

Is there any associated pressure?

If so what is the normal working pressure?

Joining

Do you require additional length in the flexible connector to join to the pipe?

If so, how much?

Do you require jubilee clips?

Ambient Conditions

Please describe the conditions of where this connector requires to work.

Is it outside or inside?

Is there any external temperature, pressure or media that we need to consider?

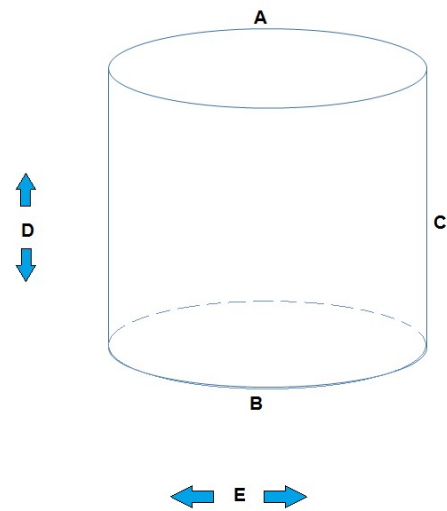
Approvals

Do you require:

Food safe

Anti-static

High chemical resistance



If you are looking for an odd shaped connector please provide a detailed drawing

Disclaimer

Please note, failure to select the correct materials or products we supply (“the Products”) may result in damage to plant, equipment or property. In some instances, it may cause death or personal injury. We are not designers and do not give advice about design related matters concerning the Products. We can help and assist with the technical specifications for the Products. In specific applications, particularly where critical conditions exist, we will try to assist you within the limitations of the services that we offer. All information supplied by us is intended as technical co-operation outlining the specifications of the different Products which we supply. To the extent permitted in law, no warranty is given in respect of any information supplied by us. The customer must satisfy themselves as to the suitability of the Products for their intended application and use. The correct fitting of Products is the responsibility of the customer. Your statutory rights remain unaffected. Save in respect of death, personal injury or fraud, our entire liability to you, however arising from the supply of Products shall be limited to the £10M indemnity amount provided by our insurers.