

Flexible connector sleeves

Filterfit manufactures and supplies flexible connector sleeves in a range of materials both permeable and impermeable. We supply the dairy, milling, pharmaceutical, food manufacturing industries along with any other industries that have a requirement for product transfer.

Flexible connectors can be square, round, square to round, tapered, be

hemmed for attaching with clamps to a spigot or have flaps for a seal between two flanges.

Any shape or size can be made, providing correct dimensions can be supplied. Fabrics can be supplied as FDA approved food grade if required which will inhibit the growth of mould and bacteria.

Some common fabrics and styles

PA66 Stretch:

A woven nylon monofilament material with stretch capabilities.

Especially suitable for vibratory applications such as sifters, blenders, mixing bowls and vibratory sieves.

Maximum operating temperature 90°C.



PP46K:

A heavy woven and calendered durable polypropylene multifilament material for applications where wear and tear can be a problem.

The calendered surface treatment aids in the smooth discharge of powders. Operating temperature 90°C continuous with surges to 110°C (dry)



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Kevlar:

A tightly-woven aramid material which is used in high temperature and over pressure protection applications, where there is a risk of bursting or explosion.

It can be used on its own or in conjunction with PP46K. Operating temperature up to 260°C. If used in conjunction with PP46K,

operating temperatures will be reduced to 90 - 110°C (refer to PP46K specs previous page).

Many other fabrics and styles are available to suit all applications, please speak to our sales staff to ascertain which suits your needs.

Needlefelt:

The same fabric as used in the manufacture of dust collector bags; needlefelt transitions can be used in situations where abrasion is not an issue, or where the sleeve needs to breathe such as displacement air from between a hopper and bin.

Operating temperature 150°C (dry)



Food grade silicone:

Can be used in applications where a waterproof material is required such as clean in place (C.I.P.) bag houses or wet scrubber applications.

Flexibility of the product makes it suitable for mechanically arduous applications such as sifting or blending.

Operating temperature of 240°C wet or dry. The elasticity of silicone allows it to be stretched over equipment in some cases without the need for retaining clamps to secure it into position.



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Food grade polyurethane:

With excellent resistance to abrasion, this fabric rejects material build-up while moving granulated materials such as bulk solids, pellets or powders.

Ideal for vibratory or oscillating applications, the fabric is also transparent to allow for visual inspection of moving product.

Maximum temperature 80°C



Plastic-coated terylene:

Sometimes referred to as Herculite, made using a polyester base scrim coated with poly vinyl chloride.

This fabric is highly durable and dimensionally tough, it is ideal for indoor or outdoor use with most non-food grade applications.

It is treated for bacterial growth and is U.V. stabilised.

Temperature range -30 to + 70°C



Flexible transitions in situ