

Biscor Tapes



Biscor manufactures a line of high performance adhesive and non-adhesive tapes for a wide variety of industrial applications, with high temperature silicone adhesive or a high tack acrylic adhesive system.

Biscor will precision slit tapes to exact customer specifications in widths from 3mm to 999mm in 15m or 30m rolls. Stock products are available in a range of weights and thicknesses, see the table below for the standard product data. Full width material is available from 1m to 1.5m wide.

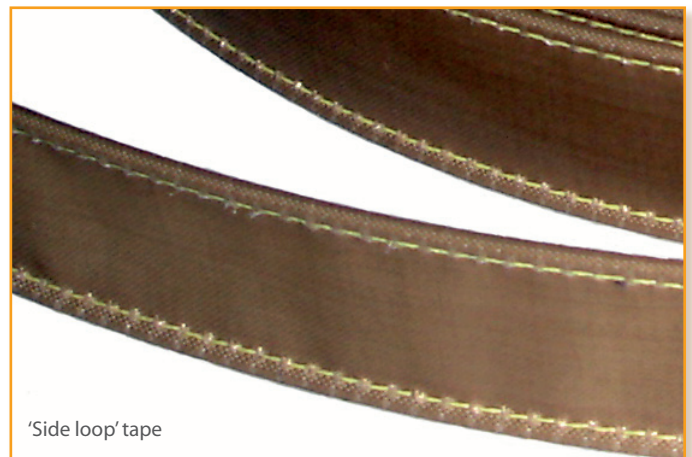
As well as rolls of adhesive and non-adhesive tapes in a variety of coated and skived materials, Biscor can also fabricate tapes such as 'side-loop tape' which is used in vacuum packaging machines.

Standard adhesive and non-adhesive tapes

- Bisca-Pak range
- Bisca-Stic range
- Bisca-Pak Stic range
- Zone Tape.

Biscor's range of tapes are utilised in many different applications.

If you have a specific requirement, be it a packaging machine or a sealing application, please do not hesitate to enquire as we are able to produce tapes to your suit your needs.



'Side loop' tape

Biscor tapes include those constructed of Teflon® coated fabric, as well as those made from skived PTFE (Teflon®).



Teflon® is a registered trademark of DuPont™.

BISCOR ADHESIVE AND NON-ADHESIVE TAPES

Biscor glass fabric tape

Applications include electrical insulation, coil and motor wrappings and general industrial applications.

- Release tape for protection of heat-sealing wires and jaws in shrink-wrapping operations
- Release tape for blister pack packaging
- Release tape for vacuum packing operations
- Release tape for vertical form fill sealing
- Covering of cylinders in textile or paper manufacture
- Extrusion of plastic or rubber.



Typical thermostatic cycles are:

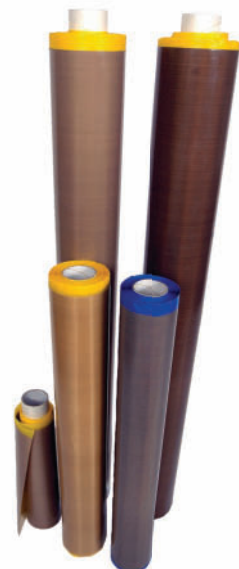
- Silicone adhesive: 4 hours at 200°C
- Acrylic adhesive: 2 hours at 120°C / 1 hour at 149°C.

Uncoated glass cloth tape with silicone adhesive is also available upon request.

Adhesives

Biscor fabrics are offered with an assortment of adhesives. Individually adapted for optimum performance on each application. Our technical sales staff can offer further advice.

- Bisca-Stic General-purpose Silicone (P.S.A)
- Temperature resistance: -73°C to +240°C
- Bisca-Stic Acrylic adhesive (High Tack)
- Temperature resistance: -4°C to +177°C



Specialist tapes from Biscor are:

- Virgin Skived PTFE (Teflon®)
- Ultra High Molecular Weight Polyethylene UHMW PE.



A selection of tapes from Biscor

UHMW PE

This material has a temperature resistance of 52°C and is therefore more suited to cooler environments. Like Teflon® (PTFE) tapes, UHMW PE has a very low coefficient of friction, but very high abrasion resistance. Examples of such applications and uses include:

- the lining of hoppers for food processing
- the lining of chutes in packaging
- or any other surface in which a smooth and hard-wearing surface is required.

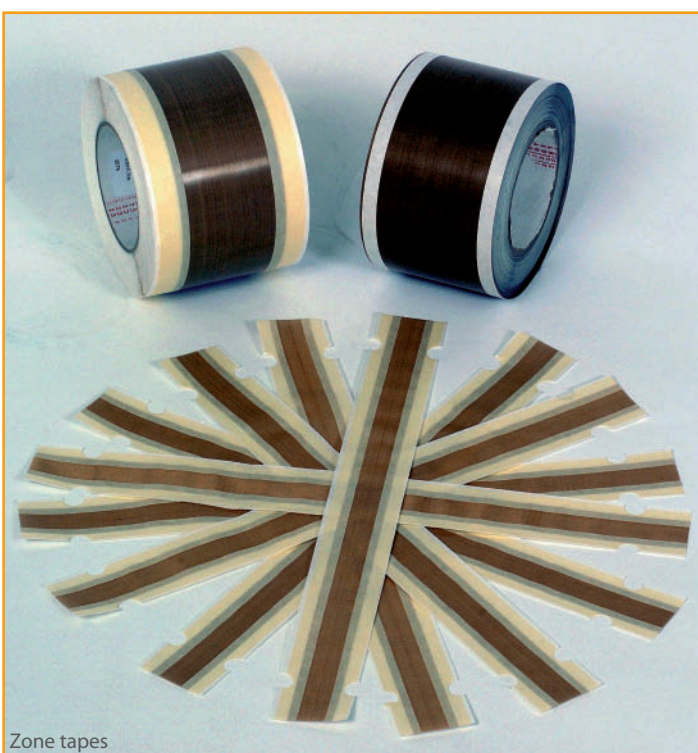
Virgin Skived PTFE (Teflon®)

Available with or without adhesive, or with one side etched for gluing, this tape can be purchased in a variety of thicknesses and weights. This material is highly conformable so therefore highly effective when applying to shaped moulds. The tape will stretch to fit acute angles in bends and corners where coated glass fabric tape will not.

Zone and heat sealer tapes

Biscor offers two styles of zone tapes for various kinds of L-bar sealing and packaging machines. Adhesive is applied to the side of the tape, leaving the centre free of adhesive so as not to inhibit the heat transfer during the sealing process.

As the part of the tape in contact with the bar is non adhesive, the working temperature can be reduced, therefore saving energy costs. Zone tape is often used when sealing two layers of plastic, for example bag and liner manufacture, shrink wrap sealing etc and the tape can be replaced quickly and easily when necessary.



Zone tapes

BISCOR ADHESIVE AND NON-ADHESIVE TAPES

Product range

PTFE COATED GLASS FABRIC (SINGLES) - SILICONE ADHESIVE

Grade	Thickness (mm)	Coated weight g/m2	Coating	Maximum width (mm/inch)
Bisca-Pak 3 Stic	0.076	150	67	1525 / 60
Bisca-Pak 5 Stic	0.109	240	56	1525 / 60
Bisca-Pak 6 Stic	0.118	260	59	1525 / 60
Bisca-Weld 6 H-F	0.129	280	62	1525 / 60
Goldweld ADH	0.140	350	69	1525 / 60
Bisca-Pak 10 Stic	0.209	440	53	1525 / 60
Bisca-Pak 14 Stic	0.276	560	45	1525 / 60

PTFE COATED GLASS FABRIC (SINGLES) - ACRYLIC ADHESIVE

Bisca-Pak 3 AStic	0.080	150	67	1525 / 60
Bisca-Pak 5 AStic	0.109	240	56	1525 / 60

PTFE COATED GLASS FABRIC (TWISTED) - SILICONE ADHESIVE

Bisca-Stic 08-150S	0.080	150	67	1525 / 60
Bisca-Stic 13-260S	0.130	260	58	1525 / 60
Bisca-Stic 15-300S	0.150	300	64	1525 / 60
Bisca-Stic 25-500S	0.250	500	60	1525 / 60
Bisca-Stic 36-600S	0.360	600	50	1525 / 60

SKIVED PTFE TAPE (SILICONE ADHESIVE)

Bisca-Stic SPF-10	0.100	225	N/A	1200 / 48
Bisca-Stic SPF-13	0.127	298	N/A	1200 / 48
Bisca-Stic SPF-25	0.250	573	N/A	1200 / 48
Bisca-Stic SPF-50	0.50	1146	N/A	1200 / 48

UHMW PE TAPE (RUBBER RESIN ADHESIVE)

Bisca-Stic CEH-13	0.127	N/A	N/A	550 / 21
Bisca-Stic CEH-25	0.250	N/A	N/A	550 / 21

Values shown are typical and are subject to change without notice. Before using, the user should determine the suitability of the product for its intended use and assumes all risk and liability in connection therewith. Specifications are subject to change without notice. Weight tolerance g/m2 + or - 5% variation. Teflon® content + or - 2% variation.

To find out more about our adhesive and non-adhesive tapes, please contact our sales team. We are happy to send samples of our materials or visit you at your offices or factory to discuss how Biscor's products can best suit your application.

We have many stock adhesive and non-adhesive tapes, but we also cut rolls specifically for your application.

Important note: All statements, technical data and information in Biscor Ltd literature and on the company websites are not binding and were correct and up to date at the time of publication. Modifications and adaptations to comply with changing guidelines and standards can be made without notice. Product properties and characteristics are dependent upon the environment and application in which the product is used. The user shall determine the suitability of the product for their particular purpose and shall assume all risk liability in connection therewith.