



**STOKVIS TAPES**

*Effective solutions*

## ***Mobile phones***

Stokvis Tapes is a renowned and experienced international specialist in the field of self-adhesive tapes for the mobile electronic communications industry. With 11 subsidiaries in Europe and China, Stokvis Tapes is a trusted and global supplier. Our “Effective Solutions” philosophy is based on a global strategy of strong local technical and service back up.



## ***Production sites close to the customer***

Stokvis Tapes has production sites close to its customers enabling shorter lead-times and the ability to react quickly and flexibly to demands. In most of the 11 subsidiaries, Stokvis Tapes has the same converting and cutting technologies and equipment. This means that we are able to increase and or exchange our production capacity and technology rapidly, producing exactly the same products to the same demanding standards in different locations. Interchangeability of tooling ensures we can turn up production fast and are protected against any potential local disruptions.

## ***Research & Development***

Stokvis Tapes has its own laboratories where tapes can be tested with our customers' test methods and in accordance with their application demands. We have gained a wealth of experience over a number of years. This enables us to simulate rigorous practical tests for our telecom customers at our Technical Tape Centre. Stokvis Tapes has a major presence in other demanding high tech industries such as automotive, engineering, electronics and aerospace. Many of the skills acquired here lead to an interchange of ideas and valuable cross fertilisation leading us to find new and innovative ideas or methods for our customers.

## ***From design to product***

To help you find the most effective solutions, our engineers are trained to work with you right from the initial stages of the tape specification and design. In this way we can maximize our service, enabling the customer to choose the product that suits the application and other requirements best. During this process we strive to optimise the design and choice of the product and to fit the assembly and production methods with the highest production efficiency thus ensuring cost conscious - Effective solutions.

## *Quality*

All our production sites are certificated to ISO 9001/2000 and several of our sites are ISO 14001 certified. In addition we comply with the TS 16949 standard. Customer auditing is often part of this process and we have an open and collaborative policy and encourage co-operation with our trading partners to incorporate new ideas and improvements. We are familiar and comfortable with the requirements of FMEA, CPK's, PPAP and other systems to ensure optimal customised performance.

## *Clean room production*

We are used to producing to exacting standards. We have a variety of production facilities, including special production areas, which have been designed to provide controlled environments. These environments provide areas where optimum temperature and humidity conditions can be maintained and level of dust particles controlled.

These areas have been designed to cater for the exacting standards required by certain industries such as medical supplies.



## *Product selection and supply*

As an independent company we are able to represent more than 100 of the world's leading tape and foam manufacturers such as 3M, Nitto, Avery, Alveo, Rogers, Specialty Tape, Permacel, St. Gobain etc.

Our independence means that we are always ideally placed to offer the customer the best product at the best price. Perhaps more importantly we are in a position to pass on new developments quickly to our partner customers to keep them at the leading edge of technology.

## *Fast sample service*

Stokvis Tapes holds a large range of tapes in stock. Drawings can be sent to us confidentially by e-mail so that we can process them on our CAD systems and then forward the samples to you within **48 hours**.

### **Window**

- Clear and black double sided adhesive tapes for hard coated lenses and for light shielding
- Single or double sided polyurethane, polyethylene foam tapes for gaskets and seals
- Acrylic foam tapes to bond and to seal in one process
- LCD gasket attachment tapes with excellent shock and temperature resistance

### **Display**

- Reflector tape for LCD's
- Black LCD light shielding tape
- Optical clear double sided tape for EL backlight to LCD
- Heat bonded conductive transfer tapes to bond the flexible circuit board

### **Battery pack**

- Acrylic foam tapes to secure battery and battery holder
- Water contact indicator tape to show contact with water
- Heat and solvent resistance bonding films to seal P-Li battery packs
- Single sided polyurethane, polyethylene and foams to seal and to reduce noise

### **Loudspeaker & microphone**

- Polyurethane and polyethylene foams to seal and bond
- Membrane meshes and tapes to protect and to mount the loudspeaker

### **Antenna tape**

- High performance double sided tape
- Excellent shock resistant self adhesive foam tape
- Conductive metal foils



### **Key pad assembly**

- Polyester tape to insulate metal/polydome
- Good thermal shock resistance double sided tape



### **Identification**

- Water contact indication tape
- Security tape and labels
- Thermal transfer and computer printable face stock
- Logo batch adhesive

### **Protection**

- Lens protection tape. Clean removable and optical clear polyester tape
- Lens transporting tape. Strong and removable tape available in transparent and blue
- Bumpers protective products
- Water contact indicator for battery and phone.

### **Bonding and fixing**

- Shock and temperature resistant logo badge adhesive
- Low surface energy tapes to mount difference plastics and foams

### **Gaskets and seals**

- Series of high and low density polyurethane foams laminated with one of our high performance adhesive tapes
- Polyethylene foams in different thicknesses available with and without adhesive
- Combination of seals and meshes are possible to reduce your application costs
- Acrylic foam tapes to seal and bond in one step

### **Process materials**

- Tampo cleaning tapes
- Lens transporting tapes
- Splicing tapes
- Masking tapes
- Packaging tapes

### **EMI/RFI/ESD shielding**

- Conductive transfer tapes
- Double sided copper and aluminium tapes with silver filled adhesives
- Copper tapes with and without conductive adhesives
- Conductive foams with and without adhesive

## ***Converting and die-cutting technologies***

Stokvis Tapes has more than 100 tape processing machines. The wide variety of technologies available to us enables us to customise each product precisely to your specifications. We have equipment for all the latest cutting and converting technologies for tapes including:

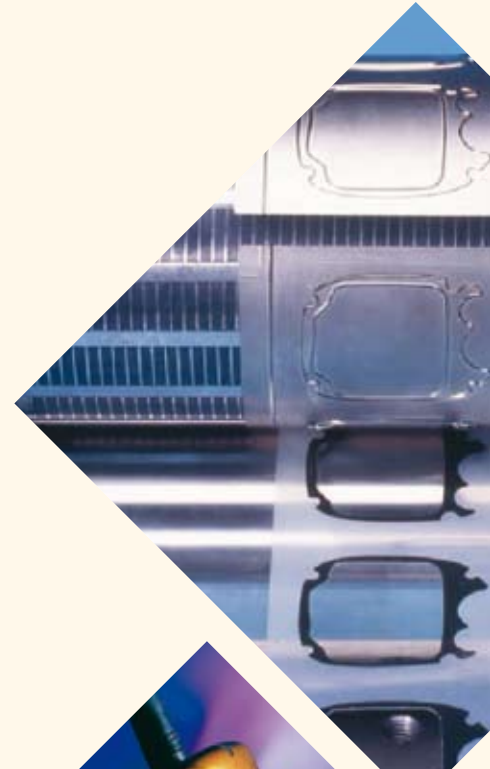
- CAD systems for small production runs
- Flat bed die-cutting systems for small to medium runs
- Rotary machines for medium to large runs
- Laminating and slitting equipment
- Pick-and-place machines

## ***Tools***

Stokvis Tapes works closely together with a number of select and leading high tech tool manufacturers, local and international. Our tooling back-up policy means that continuity with the customer is always assured. In addition, our machine standardisation around the world, has enabled us to exchange tools throughout the International Stokvis Tape Group rapidly without losing production time.

## ***Automated dispensing and assembly***

The presentation of all our tapes is designed and agreed with each customer for optimal use in production, either manually or with automated dispensers. Stokvis Tapes can provide complete automated dispensing “pick-and-place” machines on request. We encourage an early dialogue between the customers’ production engineers and designers and our own technical staff in order to ensure the fastest most effective presentations are introduced at the earliest stages.





## **Materials**

### **Foams**

Polyurethane  
Polyethylene  
Acrylic

### **Protective**

Polyethylene  
Polyester  
PVC

### **Double sided**

Transfer tapes  
Acrylic foam tapes  
Tissue and nonwoven tapes  
Film tapes

### **Anti friction tapes**

PTFE  
UHMW PE

### **Membrane**

Open mesh polyester  
Fabric /nonwoven

### **Shielding tapes**

Copper, Aluminium foil  
Conductive Copper foil  
Conductive transfer tapes  
Conductive foam

### **Insulation tape**

High temperature resistance polyester tape

### **Identification tapes and labels**

Water indicator tapes and labels

### **Optical clear tapes**

Single sided polyester  
Double sided polyester  
Transfer tapes

### **Reflecting tape**

LCD shielding tapes  
Reflecting tapes

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