

MAXI TAPE CO../

2008-2009



MEDICAL PRODUCTS

MASTER DISTRIBUTORS INC

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CAPABILITIES:

Adhesive coating and calendaring
Custom film extrusion and casting
Rotary and flat bed cutting

MEDICAL SOLUTIONS

INTRODUCTION

Master Distributors Inc./Maxi Tape Co. is a world-wide distributor of customized component materials and converted products for the medical device, wound care, hospital, pharmaceutical and health and beauty care industries.

Our resources involving adhesive coating, materials manufacturing and converting results in superior technical engineering and manufacturing capabilities.

APPLICATIONS:

Consumer bandages and dressings

Medical device fixation

IV site dressings

Drug infusion and transdermal delivery systems

Medical diagnostic testing

Ostomy and incontinence management

ECG electrodes and medical electronics

Microplate seals

Pulse oximetry and gas monitoring

Cosmeceutical delivery systems

Surgical gowns and drapes

Professional Woundcare

Maxi's wide range of process capabilities available, allows us to offer customers solutions to their product design needs. Whether the requirement is for a breathable wound dressing backing or a multi-laminate converted post-operative dressing, Maxi Tape has the experience, know-how and product range available to help.

Substrates and adhesives available:

Substrates

- PU foams
- PU films
- Co-Polyester films
- Non-wovens
- Polyurethane film / foam laminates

Adhesives

- Acrylic
- Silicone
- PU
- Synthetic rubber
- Including Hydro-colloid

All of our products can be supplied in master rolls or pre-slit to customer requirements. Alternatively, we can provide a conversion service allowing us to offer die-cut parts using our manufactured products or materials supplied.

All Maxi's medical products are manufactured in ISO 13485 and/or ISO 9001 registered facilities.

For technical solutions and expertise you need, please call:

ELECTRODES

Maxi Tape can supply a wide range of substrates, such as foams, films and non-wovens, either with or without a pressure sensitive adhesive coating. Both adhesives and substrates, can be designed to meet application requirements.

Substrates

- Foams: PE and PVC
- Films: PE and EVA
- Non-wovens: Polyester and PE
- Fabrics: Tricot and Elastic

Electrode applications:

- Monitoring
- Stress test
- Holter
- Neonate
- Grounding plates

Product Features/Benefits:

- Medical grade, skin friendly adhesive systems
- Conformable substrates
- Secure adhesion to skin
- No adhesive residue after removal
- Compatibility with electrode hydrogel

Adhesives

- Acrylic
- Synthetic rubber
- Silicone

CONVERTING

Maxi Tape is your reliable resource for the design and manufacture of quality pressure sensitive products for the medical device industry. We are committed to finding the most effective solution for your application challenges. Our total involvement in your project assures you of a product that is well designed, economical, efficient, convenient for the practitioner, and friendly to your patient's skin.

At Maxi Tape Medical Products, we can provide the right material for your application from our extensive line of commercially available products or work with you to design your own custom construction. Our products include:

- Skin-friendly adhesive-coated products
- Non-woven, woven and elastic fabrics
- Occlusive and breathable films
- PE, PVC and PU foams
- Hydrogels and hydrocolloids

Maxi Tape can help turn your concept into reality, from design assistance to prototyping through full-scale production. You can feel confident that your products are manufactured to the most rigorous demands of today's device and pharmaceutical marketplace.

MEDICAL SOLUTIONS

FILM MANUFACTURING

Capabilities

Extruded films

- Single or multi-layer films from 12-200 microns, up to 183 cm wide
- Substrates include: Polyester films and PP films down to 12 microns; non-wovens; woven fabrics; paper from 49 to 196 gsm
- Gravimetric feed section with pharmaceutical accuracy for inclusion of additives ranging from pigments to antimicrobials
- Film production from resins with melt viscosities from 2 to 400 based on the same two different compounds in 3 layers at speeds up to 260 meters per minute in either jumbo or slit rolls
- Film thicknesses from 12 microns, pinhole-free
- Positive pressure clean room environment
- Sheet-cast process, enabling direct foaming onto the films

Cast films

- Single or double layer films from 10 to 100 microns, up to 1500 mm wide
- Pinhole free dual layer films
- Breathable, high MVTR films and occlusive films
- Can laminate films directly onto other substrates

Products

- High moisture vapor transmission and low co-efficient of friction thin films
- Custom compounded additives, including antimicrobials
- Breathable and waterproof non-wovens
- Thin film delivery systems
- Bacteria barriers

ADHESIVE COATING

Maxi's medical product line offers a wide selection of skin-friendly adhesive-coated products, plus a variety of versatile assembly adhesives custom slit to your specifications. If we don't have what you need in our standard product line, we will design a special construction to meet your requirements. Adhesive technologies include:

- Solvent-based acrylic
- Emulsion-based acrylic
- Synthetic rubber
- Polyurethane
- Silicone
- Hydrocolloid