

# STRETCH FILM

## Stretch film / Special range

M. J. Maillis Group stretch film / special range offers the lowest cost per pallet at maximum stability, containment and quality. Our experts team in stretch film applications are able to provide you tailor-made solutions in the stretch wrapping of your loads in almost any environmental conditions (-25 to +35°C).

M.J. Maillis can offer the best optimized solution based on **3 strategic steps**:

### Analyzing the stretch wrapping process

In a first approach, our experts investigate some crucial parameters of the stretch wrapping process, in order to provide the appropriate stretch film grade.

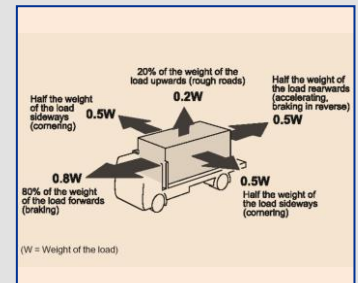
- Extreme environmental conditions (recommended stretch film: **MPB, MPF**)
- Extremely sharp edges (recommended stretch film: **MPX**)
- Unstable loads (recommended stretch film: **MPX**)
- High film consumption in hand applications (recommended stretch film: **HF-Logic, MTF**)



### Optimizing the stretch wrapping process

On this stage the key points are to provide maximum load security & high cost savings by setting wrapping cycle parameters to achieve:

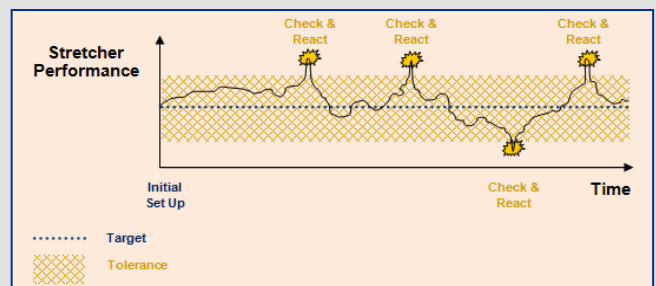
- Conformity to international laws
- Improved stability that will eventually increase handling speed
- Less rejected pallets
- Minimum downtime



### Monitoring & Securing the stretch wrapping process

M. J. Maillis experts ensure that:

- The film consumption in each application will be optimized
- The film consumption per cycle will remain the same
- The environmental conditions will not affect the performance of the stretch film on the load



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## Range and Technical Specifications

M. J. Maillis Group completes its wide range of quality cast stretch films with the development of special stretch film grades which covers several demanding applications. Our films are engineered to minimize the packaging costs while retaining a secure, high quality wrapping. Please see below the products of our range.



### Maillis MTF Special Pre-Stretched Film

**MTF** pre-stretched film of low thickness (7 or 9µm) for stretch wrapping machines without pre-stretch carriage. Also suitable for hand applications

- Offers low wrapping cost/pallet.



### Maillis HF-LOGIC Special Stretch Film

**HF-LOGIC** is a multilayer stretch film (of 10µm thickness) for hand roll application.

- The ideal solution for logistics, dairy and retail business.
- Can be stretched up to 50% (depending on film thickness) providing much lower cost/pallet than traditional higher thickness films.



### Maillis MPB Special Stretch Film

**MPB** high performance stretch film for brick and other construction products. It is the ideal solution when package surface temperature exceeds 35°C.

- Cast power stretch film designed to cover the special needs of the construction industry.
- Ideal for semi and fully automatic stretch wrapping machines with motorized pre-stretch carriage (turntable, rotary arm or ring wrappers). Stretch capability up to 280% (depending on film thickness).
- Can be used for products with rough and sharp edges (bricks and concrete), since it has been designed to offer high film tension on palletized loads and high puncture resistance.
- Good holding force on pallet with high temperatures while wrapping.
- Available in 17, 20 and 23 µm thickness having good transparency.



### Maillis MPF Special Stretch Film

**MPF** stretch film for low temperature applications. It is suitable for extreme cold conditions as low as - 25°C.

- Cast power stretch film designed to cover the special needs of frozen logistics.
- Suitable for semi and fully automatic stretch wrapping machines with motorized pre-stretch carriage (turntable, rotary arm or ring wrappers). Stretch capability up to 220% (depending on film thickness).
- Good cling in cold environments (cold and refrigerated storages and warehouses).
- Elimination of film relaxation and excellent optics and quiet unwinding.
- Available in 17, 20 and 23 µm thickness with very good transparency.



### Maillis MPX Special Stretch Film

**MPX** stretch film for ultra high film tension on load. It can be used in very aggressive loads as replacement of blown film.

- Ideally suited to automatic high speed stretch wrapping machines with motorized pre-stretch carriage (turntable, rotary arm or ring wrappers). Stretch capability up to 300% (depending on film thickness).
- Suitable for products with rough and sharp edges (metal, corrugated, paper products), since it has been designed to offer high film tension on palletized loads and high puncture resistance.
- Can replace films of higher thickness due to its better holding force capability and higher guaranteed stretch efficiency (offers significant packaging cost savings).
- Available in 15, 17, 20 and 23 µm thickness with high transparency.

