



Totally committed to meeting the needs of modern manufacturing industry, M. J. Maillis Group offers over half a century of packaging expertise. With a wide range of semiautomatic, automatic and specialist strapping machines - as well as high quality hand tools, consumables and the most comprehensive choice of polypropylene strapping available - we have the products and solutions to meet all your strapping requirements.

M. J. Maillis Poliflex Polypropylene Strapping Range

Poliflex complete polypropylene strapping range is available in a range of widths, colors and thicknesses. Bespoke colors are available subject to a minimum order quantity.

The Poliflex series offers a ready and tailor-made optimized solutions according to strapping equipment utilized and type of package to be secured. This differentiated approach, contradictory to the one type fits all applications currently offered in the market, guarantees a strapping solution offering a high level of load security at the lowest strapping cost per package/pallet.

M. J. Maillis Poliflex Polypropylene Strapping Ranges

The M.J.Maillis Poliflex series is offered in six distinct ranges

Poliflex Hand – Hand Grade Strap for Hand Tool Applications

Poliflex Hand strap has particularly been developed for hand tool applications for light to medium applications and is compatible with all manual hand, battery powered and pneumatic hand tools. The Poliflex Hand series, due to its unique manufacturing processing, offers higher strength at the strap's most vulnerable point, the strap joint.

Poliflex T Range – Machine Grade Strap for Semiautomatic Strapping Systems

Semiautomatic strapping systems typically utilize machine quality straps with specifications much higher than required for both the equipment and package secured. The Poliflex T series is the optimized solution offered the required strap stiffness for trouble free operation is semi automatic packages systems and higher strength at the straps most vulnerable point, the strap joint all at a considerably lower cost.

Poliflex Machine Range – Machine Grade Strap for Large Arch Automatic Strapping Systems

Large Arch strapping systems are typically utilized in medium to heavy pallet strapping applications. Such systems and applications require a strap with a high stiffness ratio to operate trouble free through the strapping systems arch and a high break load and strap joint strength to be able to withstand violent package movement during transportation. The Poliflex Machine series has been designed exactly for such applications providing the exact required characteristics at a fair market price.

Poliflex Standard Narrow Range – Width 4,5 to 6mm Strap

Standard Poliflex Narrow Strap is the standard strapping solution typically utilized in the printed media and corrugated industry and is compatible with market strapping systems.

Poliflex Silk Narrow Range – Width 4,5 to 6mm Strap

Poliflex Silk Narrow strap is the M.J.Maillis group premium narrow strap. This high end narrow strap offers considerable savings in indirect strap costs such as equipment down time, maintenance/service cost due to minimal dust residue.

Poliflex ISB Narrow Range – Width 4,5 to 5mm Strap

Special strap series for Signode ISB strapping systems typically installed in the corrugated industry

POLYPROPYLENE STRAPPING

Range and Technical Specification

M. J. Maillis offers a complete range of Polypropylene straps. Please see below the most common products of our range.

Poliflex – Hand Strap

Special series for hand tool pallet strapping. Suitable for general hand strap applications.

Product Code	Color	Width (mm)	Thickness (mm)	Breakload (Kgf) (N)		Length (m/coil)	Coils/Pallet	Strapping System Compatibility
Poliflex 9X0,55	White / Black	9	0,55	90	885	4000	48 and 60	Hand Tools: Manual Pneumatic Battery Operated
Poliflex 12X0,55	White / Black	12	0,55	110	1080	3000	48 and 60	
Poliflex 12X0,70	White / Black	12	0,70	180	1770	2200	48 and 60	
Poliflex 12X0,80	White / Black	12	0,80	240	2355	2000	48 and 60	
Poliflex 15X0,60	White / Black	15	0,60	190	1865	2000	48 and 60	
Poliflex 15X0,80	White / Black	15	0,80	250	2455	2000	48 and 60	
Poliflex 15,5X0,70	White / Black	15,5	0,70	230	2260	1700	48 and 60	

All straps are manufactured at core dimension **190X200*** and **150X406***. Other strap dimensions and colors are available upon request.

Poliflex – T Strap

Special series for semiautomatic strapping systems with / without small arch. Suitable for general applications.

Product Code	Color	Width (mm)	Thickness (mm)	Breakload (Kgf) (N)		Length (m/coil)	Coils/Pallet	Strapping System Compatibility
Poliflex T 8X0,55	White / Black / Blue	8	0,55	80	785	4400	60	Semiautomatic machines with / without small arch and for hand tools (manual, pneumatic, battery operated)
Poliflex T 9X0,55	White / Black / Blue	9	0,55	90	885	4000	60	
Poliflex T 12X0,55	White / Black / Blue	12	0,55	115	1130	3000	60	
Poliflex T 12X0,63	White / Black / Blue	12	0,63	140	1375	3000	60	

All straps are manufactured at core dimension **190X200***. Other strap dimensions and colors are available upon request.

Poliflex – Machine Strap

Special series for large arch automatic pallet strapping systems. Suitable for general pallet strapping applications.

Product Code	Color	Width (mm)	Thickness (mm)	Breakload (Kgf) (N)		Length (m/coil)	Coils/Pallet	Strapping System Compatibility
Poliflex 12X0,65	White / Black / Blue	12	0,65	160	1570	2500	48	Automatic pallet strapping machines with large arch
Poliflex 12X0,73	White / Black / Blue	12	0,73	190	1865	2000	48	
Poliflex 12X0,80	White / Black / Blue	12	0,80	250	2455	2000	48	
Poliflex 12X0,90	White / Black / Blue	12	0,90	280	2750	2000	48	
Poliflex 15X0,60	White / Black / Blue	15	0,60	220	2160	2000	48	
Poliflex 15X0,70	White / Black / Blue	15	0,70	230	2260	2000	48	
Poliflex 15X0,80	White / Black / Blue	15	0,80	300	2945	1800	48	
Poliflex 15,5X0,70	White / Black / Blue	15,5	0,70	230	2260	1700	48	
Poliflex 15,5X0,80	White / Black / Blue	15,5	0,80	300	2945	1500	48	

All straps are manufactured at core dimension **190X280*** and **150X406***. Other strap dimensions and colors are available upon request.

Poliflex – Standard Narrow Strap

Standard narrow series for all applications / strapping systems in the printed media, corrugated industry and general applications.

Product Code	Color	Width (mm)	Thickness (mm)	Breakload (Kgf) (N)		Length (m/coil)	Coils/Pallet	Strapping System Compatibility
Poliflex 5X0,35	White	5	0,35	55	540	6500	60	semi / fully automatic machines
Poliflex 5X0,40	White	5	0,40	65	640	7500	60	
Poliflex 5X0,45	White	5	0,45	65	640	6500	60	semi / fully automatic machines
Poliflex 5X0,47	White	5	0,47	60	590	7000	60	
Poliflex 4,5X0,50	White	4,5	0,50	60	590	7000	60	
Poliflex 5X0,50	White	5	0,50	65	640	7000	60	

All straps are manufactured at core dimension **190X280*** and **150X160*** or alternative cores. Other strap dimensions and colors are available upon request.

Poliflex – Silk Strap

Silk series is premium narrow strap with cost reduction benefits by minimizing downtime and maintenance cost. Suitable for the printed media and corrugated industries where dust residue in fast strapping systems is minimized.

Product Code	Color	Width (mm)	Thickness (mm)	Breakload (Kgf) (N)		Length (m/coil)	Coils/Pallet	Strapping System Compatibility
Poliflex Silk 5X0,40	Transparent	5	0,40	60	590	7500	60	semi / fully automatic machines
Poliflex Silk 5X0,45	Transparent	5	0,45	65	640	6500	60	
Poliflex Silk 5X0,47	Transparent	5	0,47	65	640	7000	60	
Poliflex Silk 5X0,50	Transparent	5	0,50	70	685	7000	60	

All straps are manufactured at core dimension **190X280*** and **150X160*** or alternative cores. Other strap dimensions are available upon request.

Poliflex – ISB Strap

ISB strap series for the strapping of corrugated products. Narrow strap series specially designed for Signode ISB strapping systems.

Product Code	Color	Width (mm)	Thickness (mm)	Breakload (Kgf) (N)		Length (m/coil)	Coils/Pallet	Strapping System Compatibility
Poliflex 4,5X0,35	White	4,5	0,35	50	490	9000	60	
Poliflex 5X0,35	White	5	0,35	55	540	6500	60	

Straps are manufactured at core dimension **150X160*** and **190X200***.

* Cardboard Core Dimension: Width (mm) X Internal Diameter (mm).

Issue No

02 (05/06)

English

All specifications are correct at time of print, are for guidance purposes only and subject to change without prior notice.

M. J. MAILLIS GROUP

www.maillis.com

