

A. K. POLYMERS



Innovating the Future, Crafting Sustainable Solutions for a Better Tomorrow.

About Us

A.K. Polymers, founded in 2021, is a leading manufacturer of high-quality PET Straps, PP Straps, and PET Agriculture Wire. We provide innovative and eco-friendly solutions for a wide range of industries.

Our Products

- PET STRAP
- PP STRAP
- PET WIRE

Why Choose Us

We believe in building strong, lasting relationships with our customers. Our team of dedicated professionals is here to support you at every step, from product selection to after-sales service. Your satisfaction is our priority, and we work tirelessly to ensure that your needs are met with excellence.

Contact

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PET STRAP

Product Description	
Material	PET
Colours	Dark Green / Light Green / Black / Customized colours available
Width	12.00 - 25.00 mm
Thickness	0.60 - 1.27 mm
Surface	Plain (Smooth) / Embossed (Knurling)
Weight	20 Kg / Roll (Customization available)
Core Dimension	8" (203 ID X 165 mm) / 16" (406 ID X 165 mm)
Packaging	Cardboard & Wrapping Film
MOQ	1000 KGS

Advantages:

Strength and Durability

PET (Polyethylene Terephthalate) strap offers exceptional strength and durability, making it an ideal choice for securing heavy loads during transportation and storage.

Safety and Reliability

Unlike traditional steel strapping, PET strap is safer to handle due to its lightweight nature and reduced sharp edges.

Cost-Effectiveness

PET strap offers a cost-effective alternative to steel strapping, providing similar strength and performance at a lower cost.

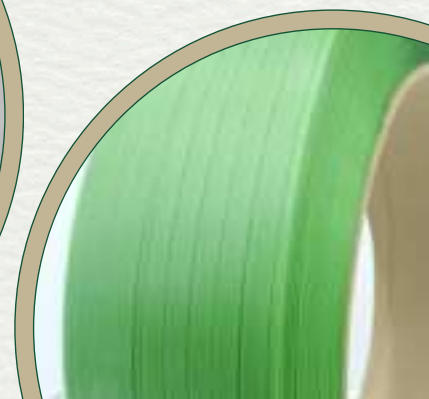
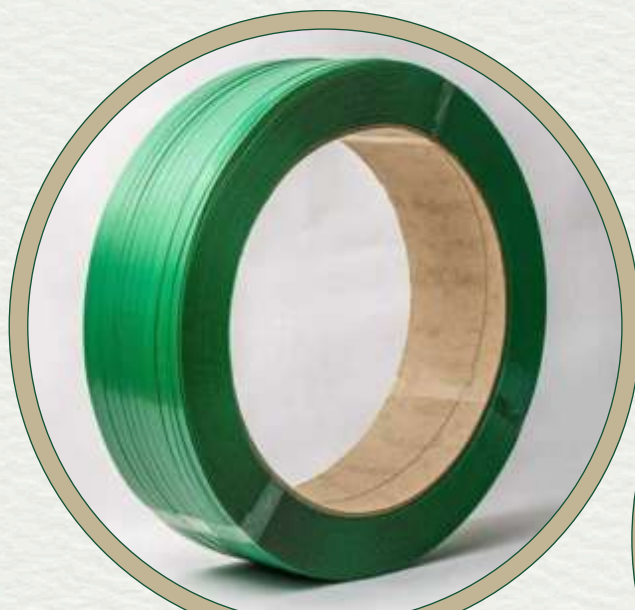
Versatility and Convenience

PET strap is highly versatile and suitable for a wide range of applications across various industries, including logistics, manufacturing, and construction.

PET STRAP

Technical Specification

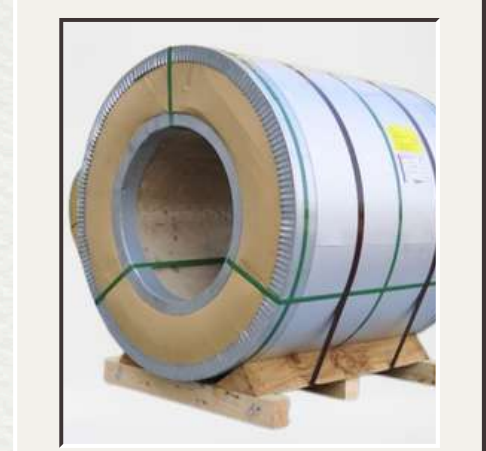
Code	Width (+/- 0.5mm)	Thickness (+/- 0.05mm)	Meters (+/- 5%)		Break Load (+/- 5% kgs)	
			Smooth	Embossed	Smooth	Embossed
90055	9.00	0.55	3108	3181	180	176
93065	9.30	0.65	2545	2605	220	215
105070	10.50	0.70	2093	2143	268	261
120060	12.00	0.60	2137	2187	262	256
120070	12.00	0.70	1838	1875	306	299
120080	12.00	0.80	1603	1640	349	341
150070	15.00	0.70	1465	1500	382	373
150075	15.00	0.75	1368	1400	439	429
150080	15.00	0.80	1282	1312	468	457
155076	15.50	0.76	1306	1337	459	449
155080	15.50	0.80	1241	1270	484	472
155090	15.50	0.90	1103	1129	544	531
160069	16.00	0.69	1394	1426	431	421
160080	16.00	0.80	1202	1230	499	488
160090	16.00	0.90	1068	1094	562	549
160100	16.00	1.00	962	984	624	610
190080	19.00	0.80	1012	1036	593	579
190100	19.00	1.00	810	829	741	724
190127	19.00	1.27	638	653	941	919
250100	25.00	1.00	615	630	975	950
250127	25.00	1.27	485	496	1238	1210
320127	32.00	1.27	379	388	1585	1548





PET STRAP

Applications:





PP STRAP

Product Description	
Material	PP
Colours	Transparent / White / Black / Customized colours available
Width	5.00 - 19.00 mm
Thickness	0.50 - 1.00 mm
Core Dimension	Semi - Automatic: 203 ID x 187 mm / 203 ID x 165 mm / 405 ID x 150 mm
	Fully Automatic: 152 ID x 150 mm / 203 ID x 187 mm / 280 ID x 187 mm / 405 ID x 150 mm
Packaging	Cardboard
MOQ	1000 KGS

Advantages

Good Tensile Strength

Despite being lightweight, PP straps have good tensile strength, making them suitable for securing a wide range of products.

Flexibility

PP straps are flexible and can conform to the shape of the packaged goods, providing better security and stability.

Easy to Use

They can be easily applied using manual, semi-automatic, or fully automatic strapping machines, enhancing operational efficiency.

Printable

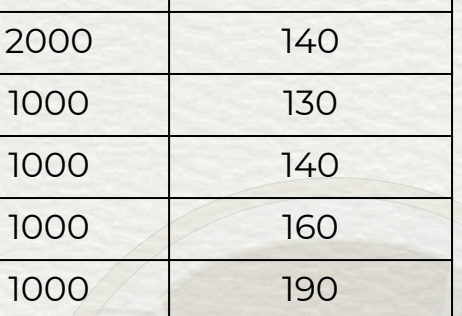
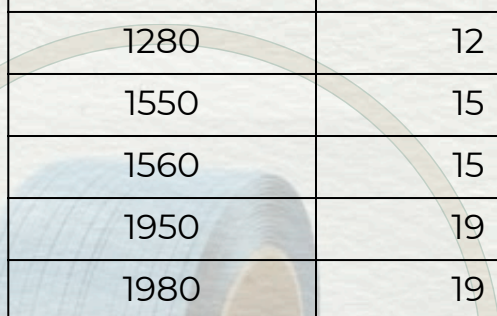
PP straps can be customized with printing, such as company logos or handling instructions, which can help in branding and providing important information.



PP STRAP

Semi - Automatic PP Straps

Code	Width (± 0.05 mm)	Thickness (± 0.03 mm)	Meters (± 5%)	Break Load (± 5% Kgs)
550	5	0.50	2000	20
560	5	0.60	3000	40
650	6	0.50	2000	30
850	8	0.50	2000	50
860	8	0.60	2000	60
950	9	0.50	2000	70
960	9	0.60	2000	80
1140	11	0.40	2000	70
1150	11	0.50	2000	80
1160	11	0.60	2000	90
1170	11	0.70	2000	110
1240	12	0.40	2000	80
1250	12	0.50	2000	90
1260	12	0.60	2000	110
1270	12	0.70	2000	120
1280	12	0.80	2000	140
1550	15	0.50	1000	130
1560	15	0.60	1000	140
1950	19	0.50	1000	160
1980	19	0.80	1000	190


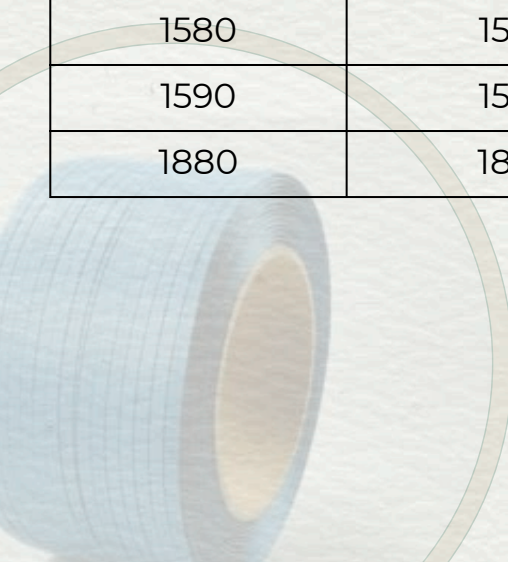




PP STRAP

Fully Automatic PP Straps

Code	Width (± 0.05 mm)	Thickness (± 0.03 mm)	Meters ($\pm 5\%$)	Break Load ($\pm 5\%$ Kgs)
547	5	0.47	7000	38
560	5	0.60	3000	38
660	6	0.60	3000	48
840	8	0.40	2000	58
860	8	0.60	2000	78
960	9	0.60	2000	88
970	9	0.70	2000	98
1170	11	0.70	2000	118
1110	11	1.00	1000	168
1260	12	0.60	2000	118
1270	12	0.70	2000	128
1560	15	0.60	1500	138
1570	15	0.70	1000	158
1580	15	0.80	1000	168
1590	15	0.90	1000	178
1880	18	0.80	1500	188





PET WIRE

Product Description	
Material	PET
Colours	Dark Green / Light Green / Black / Customized colours available
Diameter	1.50 - 5.0 mm
Weight	2 Kg / Coil (Customization available)
Packaging	Bulk / Plastic Spool
MOQ	500 KGS

Features

- Save 80% cost than steel and iron wire
- High strength, low elongation, thermal stability.
- Non toxic, corrosion-free.
- Unaffected by temperature changes (-40°C to +70°C).
- UV resistance



PET WIRE

Advantages

Sustainable Material

Made from recyclable materials, PET agriculture wire is an environmentally friendly option for agricultural applications.

UV & Weather Resistance

It is highly resistant to UV rays and various weather conditions, ensuring long-lasting performance in outdoor environments.

Corrosion & Chemical Resistance

PET wire does not corrode and is resistant to chemicals and fertilizers, maintaining its integrity in harsh agricultural conditions.

Flexibility & Lightweight

The wire is flexible and lightweight, allowing for easy handling, installation, and adjustment without breaking.



Applications:

- **Greenhouse Support:** Used to construct greenhouse frames and support systems.
- **Trellis Systems:** Provides support for climbing plants like tomatoes, cucumbers, and grapes.
- **Fence Construction:** Can be used to build fences for livestock or property boundaries.
- **Crop Training:** Helps to train and guide plant growth.
- **Packaging:** Used in packaging and bundling agricultural products.



Factory Address

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