

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

- ☎ +91 99090 18128
- ☎ +91 81819 39139
- ✉ akstrap123@gmail.com
- 🌐 www.ak-polymers.com



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.

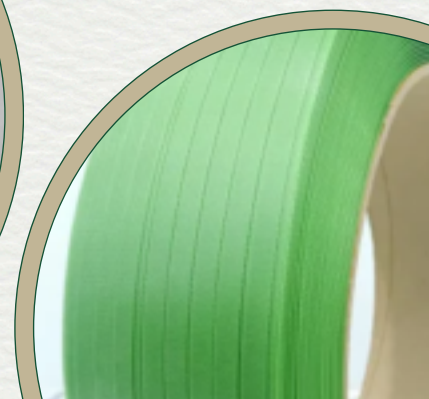
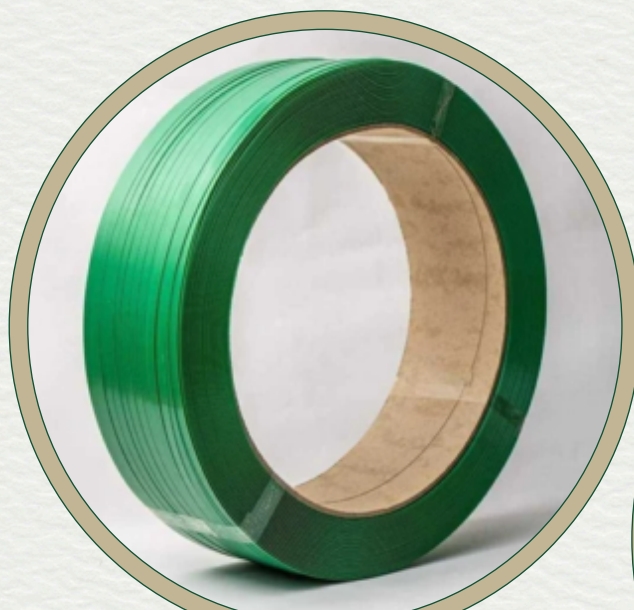
Versatility and Convenience

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

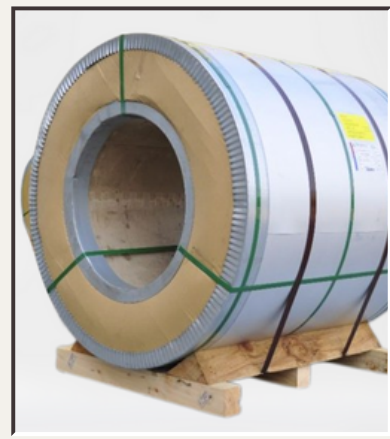
| Code | Width (+/- 0.5mm) | Thickness (+/- 0.05mm) | Meters (+/- 5%) | | Break Load (+/- 5% kgs) | |
|--------|----------------------|---------------------------|--------------------|----------|----------------------------|----------|
| | | | Smooth | Embossed | Smooth | Embossed |
| 90055 | 9.00 | 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

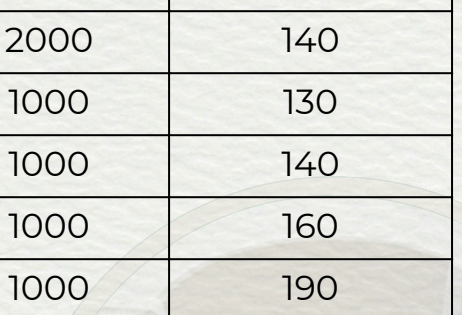
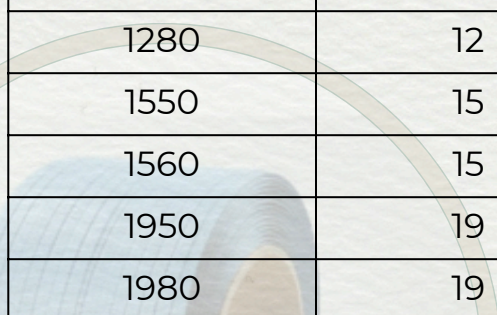
PP straps can be customized with printing, such as company logos or handling instructions, which can help in branding and providing important information.



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 |

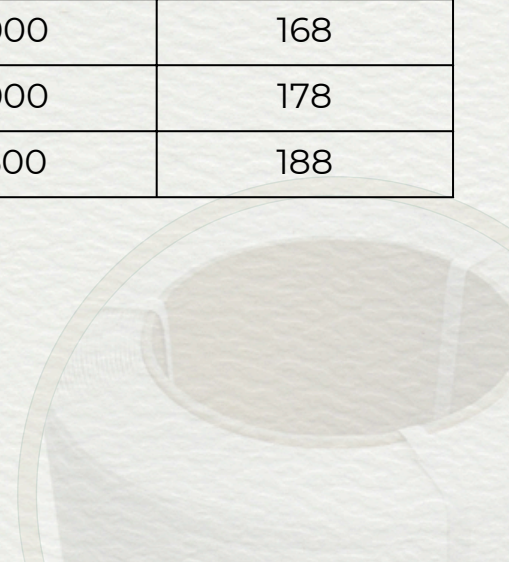
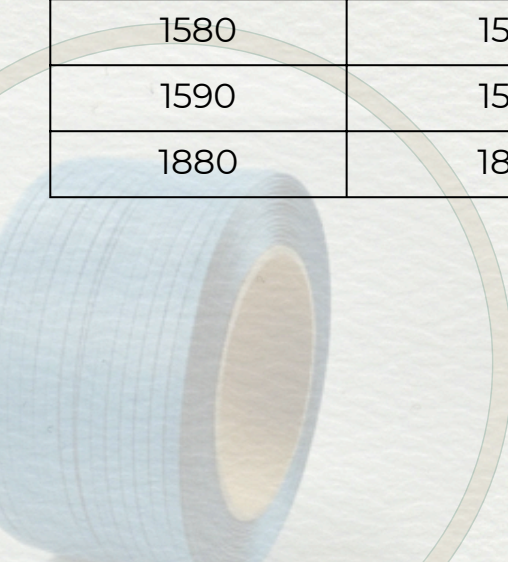




PP STRAP

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 |





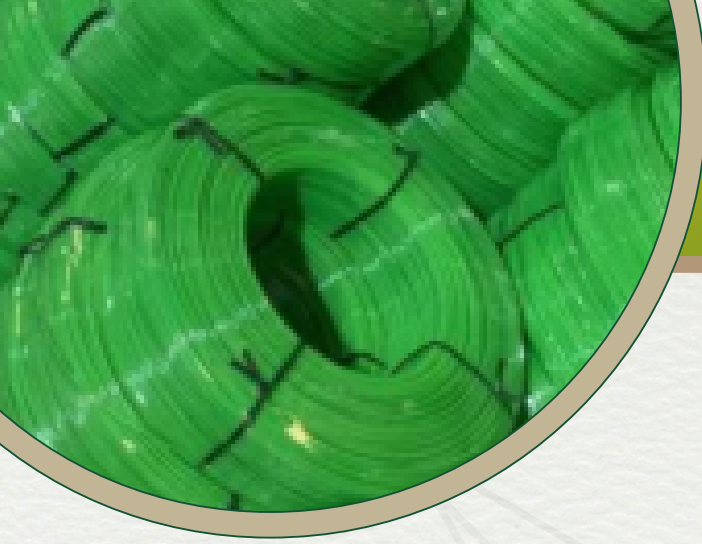
PET WIRE

| 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

Junagadh Road, Near Dhorivav, Survey No. 447/P, Plot No. 1, DHORAJI, Rajkot,
Gujarat - 360410