

PRODUCT CATALOGUE

TSPLAS Crop Packaging Range

We extrude and convert the plastics that hold a harvest together: round module cotton wrap, bale net wrap, silage wrap film, silage and grain bags, baler twine and pallet net wrap, plus the cotton picker wear parts that keep a harvester running.



Company

Manufacturing company	Changzhou Tiansheng Plastic Co Ltd (TSPLAS)
Export company	Changzhou Liangsen Imp & Exp Co Ltd
Founded	28 May 2002
Crop packaging since	2007
Address	Xixiang Industrial Park, Changzhou, Jiangsu, China
Export markets	15+ countries including the United States, Canada, Ireland and Australia
Annual export volume	15000+ metric tons of packaging solutions
Production facilities	ISO 9001 certified
Lead time	Within 20 days, subject to the production plan
Payment terms	30 percent down payment, balance before shipment

COTTON WRAP FILM

TS-WRAP Round Module Cotton Wrap Film

TS-WRAP is a round module cotton wrap film 2.7 m wide and 21 m long, giving 24 wraps per roll. It is made for cotton gins, growers and distributors who need one wrap specification that runs on every onboard module building harvester, and it has been in field use in eight cotton growing countries since 2020.



Specification

Wrap width	2.7 m (106 in)
Core length	2.8 m (110 in)
Wrap length	21 m (69 ft)
Wraps per roll	24 wraps
Roll weight	Approx 100 kg (220 lbs)
Roll diameter	25 cm (10 in)
Rolls per pallet	9 rolls (216 wraps)
Pallet size	2.85 m x 75 cm x 90 cm
Colours	Yellow, purple, green, pink, red, blue or as requested
Machine compatibility	John Deere 7760, CP690, CP770, CS690, CS770 and other cotton pickers and harvesters
Warehouse shelf life	At least 2 years
Outdoor service life	At least 6 months

Key Benefits

- One film specification covers a mixed harvester fleet, so a gin does not have to stock two products
- 24 wraps per roll and a guaranteed 21 m wrap length make module cost per acre predictable
- Special adhesive closes the tail cleanly so operators are not taping modules by hand
- Six colours let a gin yard separate growers, fields or seasons at a glance

- Two year warehouse shelf life means unused rolls carry over to the next season

BALE NET WRAP

HDPE Round Bale Net Wrap

TSPLAS bale net wrap is a 100 percent virgin HDPE net for round balers, produced in widths from 48 inch to 67 inch with guaranteed roll length and tensile strength above 2800 N. It has been exported to the United States, Canada, Australia and Ireland in volume since 2007.



Specification

Material	100 percent virgin HDPE
Widths	48 in to 67 in, other widths to order
48 in sizes	48 x 9840, 48 x 11800 and other lengths
51 in sizes	51 x 9840, 51 x 11800 and other lengths
64 in sizes	64 x 7000, 64 x 8000, 64 x 9000 and other lengths
67 in sizes	67 x 7000, 67 x 8000, 67 x 9000 and other lengths
Tensile strength	Guaranteed above 2800 N
UV protection	High UV stability
Packing	Weatherproof bag sealed at both ends
Baler compatibility	All makes of round balers

Key Benefits

- Guaranteed length on every roll so cost per bale holds all season
- Tensile strength above 2800 N for dense silage and straw bales
- Full bale coverage including the bale edge, so the shoulder does not weather
- Reduced moisture permeability keeps hay quality through storage
- Directional roll side marking so the roll is loaded right the first time

SILAGE WRAP FILM

Silage Bale Wrap Film

TSPLAS silage wrap film is a UV resistant bale wrap film supplied at 20 inch by 6000 feet and 30 inch by 5000 feet in 1 mil, in white, green or black. It seals a forage bale airtight on any standard wrapping machine so fermentation runs without oxygen.



Specification

Common size 1	20 in x 6000 ft x 1 mil
Common size 2	30 in x 5000 ft x 1 mil
Colours	White, green, black or as requested
Machine compatibility	Any standard bale wrapping machine
UV resistance	Formulated for outdoor bale storage
Custom sizes	Any size and colour produced to order

Key Benefits

- Airtight seal creates the anaerobic condition fermentation needs
- UV resistant so bales can be stored outdoors rather than under cover
- Puncture and tear resistant through stacking and transport
- Runs on any standard bale wrapper with no machine change
- White, green and black so bales can be sorted by cut or field

BALER TWINE

Polypropylene Baler Twine

TSPLAS baler twine is a synthetic polypropylene twine for square balers, supplied from 150 lbs by 7200 ft up to 650 lbs by 3600 ft in green, orange, yellow and blue. It is UV resistant and engineered to knot easily and hold the knot under load.



Specification

Material	Synthetic fibre, typically polypropylene
Size 650 lbs	650 lbs x 3600 ft
Size 500 lbs	500 lbs x 4100 ft
Size 440 lbs	440 lbs x 4500 ft
Size 400 lbs	400 lbs x 4000 ft
Size 350 lbs	350 lbs x 4000 ft
Size 210 lbs	210 lbs x 7200 ft
Size 170 lbs	170 lbs x 9600 ft
Size 150 lbs	150 lbs x 7200 ft
Colours	Green, orange, yellow, blue
Baler compatibility	All kinds of square baler machines
Custom sizes	Any other size produced to order

Key Benefits

- Knots easily and holds the knot, which is where most twine failures happen
- UV resistant so bales stored outdoors do not shed their binding
- Eight standard strength and length combinations to match any square baler
- Colour coded so bales from different cuts or customers stay identifiable

- Lower cost per bale than wire or rope binding

PALLET NET WRAP

Elastic And Non Elastic Pallet Net Wrap

TSPLAS pallet net wrap comes in two constructions: an elastic net at 9 gsm and a non elastic net at 6.2, 7 and 8 gram per square metre. Manual rolls are 50 cm by 500 m or 1000 m and machine rolls run to 50 cm by 3500 m and 75 cm by 3000 m.



Specification

Elastic weight	9 gsm
Non elastic weight	6.2 g, 7 g and 8 g per square metre
Manual sizes	50 cm x 500 m and 50 cm x 1000 m
Machine sizes	50 cm x 3000 m, 50 cm x 3500 m, 75 cm x 2000 m, 75 cm x 3000 m
Iberian market size	45 cm x 500 m at 12 gsm
Application	Manual wrapping and automatic packing machines
Custom sizes	Any other size produced to order

Key Benefits

- Open mesh lets field heat and condensation escape from fresh produce
- Elastic construction pulls an uneven load together without extra passes
- Machine rolls up to 3500 m so a wrapping line runs longer between changes
- Lower material weight per pallet than solid stretch film
- Two constructions and any size to order from one supplier

SILAGE BAGS

Silage Bags And Grain Bags

TSPLAS silage bags are large plastic tubes used to store animal feed and grain. The bag is filled and the air squeezed out to create a vacuum seal, and the film is UV resistant with high puncture resistance for outdoor storage on a working yard.



Specification

Product type	Large plastic tube bags for silage, haylage and grain
Sealing method	Filled then air squeezed out to create a vacuum seal
UV resistance	Formulated for outdoor storage
Puncture resistance	High puncture resistance specification
Crops stored	Corn silage, haylage and grain
Bag diameter and length	Quoted against your bagging machine and tonnage

Key Benefits

- Vacuum seal stops the aerobic spoilage that costs dry matter
- No civil works, so storage capacity can be added in a single season
- UV resistant film for outdoor siting
- High puncture resistance for handling on a working yard
- Feed quality held for the herd, which is where the return actually shows

BARBED WIRE

Galvanised And PVC Coated Barbed Wire

TSPLAS barbed wire is made from high tensile steel with sharp barbs and a corrosion resistant finish, supplied galvanised or PVC coated. Zinc coating weights run from 60 g to 240 g per square metre, with 1.8 mm a common wire diameter on the heavier coated line.



Specification

Material	High tensile steel
Finish options	Galvanised or PVC coated
Zinc coating, light	60 g per square metre
Zinc coating, heavy	240 g per square metre
Wire diameter	1.8 mm on the heavier coated line, other diameters to order
Packing	Coils, palletised for container loading
Applications	Farms, ranches, construction sites and boundary fencing

Key Benefits

- High tensile steel holds line tension so stock do not push through
- Sharp, consistently spaced barbs make each run effective
- Zinc coating quoted by weight so fence life can be specified, not guessed
- Galvanised or PVC coated to match the environment
- Fast to install over long boundary runs

COTTON PICKER PARTS

John Deere Cotton Picker Parts

TSPLAS supplies replacement wear parts for John Deere cotton pickers, including spindles with advanced heat controls, urethane doffers for cleaner picking and moistener pads with a distinctive pad pattern. Parts are supplied without a minimum order quantity so a workshop can trial before stocking.



Specification

Machine range	John Deere cotton pickers
Spindles	Durable spindles with advanced heat controls
Doffers	Urethane doffers for cleaner picking
Moistener pads	Unique pattern moistener pads
Order quantity	No minimum order quantity
Fitment	Confirmed against machine model and part number before quoting

Key Benefits

- Spindles built with advanced heat controls for a longer service life
- Urethane doffers strip cotton cleanly and reduce contamination
- Moistener pads with a distinctive pattern for consistent moisture delivery
- Budget friendly pricing that makes a pre season rebuild affordable
- No minimum order quantity, so a single trial part is possible

Ordering Terms

Minimum order quantity	None on any product line
Lead time	Within 20 days, subject to the production plan
Payment terms	30 percent down payment, balance before shipment
Quality guarantee	We carry the responsibility and expenses arising from a quality problem
Contact	tsplas@cottonwrap.cn WhatsApp +86 138 6113 2916 +86 519 86566131

Specifications on this sheet are the figures we produce to. Sizes that are not listed are produced to order against your machine. Send the machine model with your enquiry.