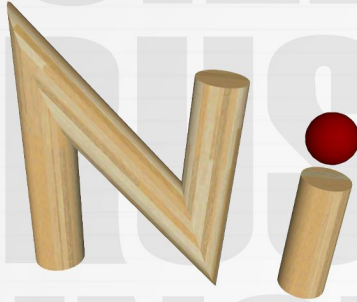


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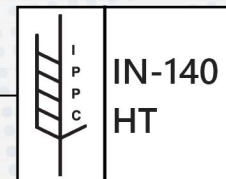
Nirmal
Industries

PACKAGING SOLUTIONS

GET TO KNOW US

With over three decades of experience, Nirmal Industries has established itself as a trusted leader in the manufacture and export of a wide range of wooden and wooden packaging products. Our commitment to quality and eco-friendliness has helped us build lasting relationships with a diverse client base, allowing us to carve a distinct niche in the industry.

We specialize in offering a variety of high-quality wooden products such as Wooden Pallets, Wooden Crates, Wooden Boxes, and other Wooden Shipping and Packing solutions. Our products adhere to the strict standards of ISPM-15 certification, ensuring they meet global export requirements.



Heat treatment As per ISPM-15 (Licence no.140):

Follows the International Standards for Phytosanitary Measures (ISPM-15) to ensure our wooden packaging products meet global shipping regulations.

Wood Kiln Dry Seasoning:

We provide specialized wood kiln drying services to lower the moisture content of wood. Kiln drying is a more controlled and efficient alternative to traditional air drying, producing high-quality, durable wooden packing materials

Fumigation:

Vital role in safeguarding timber and wooden products from pests, insects, and fungi. This process is essential for maintaining the structural integrity and longevity of the wood.



Wooden Box:

With sturdy construction and customizable designs, wooden boxes are ideal for safeguarding products against environmental factors, handling impacts, and potential damages.



Wooden Pallet:

A flat transport structure designed to support goods securely during handling and storage. High-quality wooden pallets are designed to enhance operational efficiency and ensure safe, secure transportation for various industries.

Wooden Crates:

Unlike open pallets or closed boxes, crates feature a framework of slats or panels that allow for ventilation while maintaining structural integrity. Ideal for transporting items that require airflow. Their versatile design allows for customization in size, structure, and load-bearing capacity,



Plywood Crates:

Crafted from high-quality plywood, these crates combine lightweight construction with exceptional strength, making them ideal for shipping delicate items, heavy equipment, or irregularly shaped goods. Customizable in size, design, and load capacity, with options for ventilation.

Plywood Box:

Lightweight yet durable packaging solution designed for securely storing and transporting goods. Constructed from high-strength plywood, these boxes offer excellent resistance to impacts, moisture, and environmental changes, ensuring the protection of the contents.



Plywood Pallet

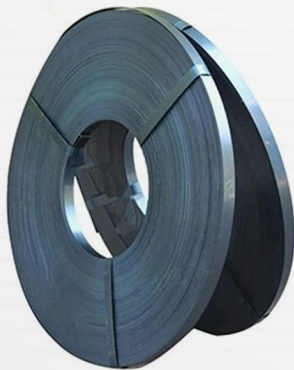
Designed with precision and crafted from premium-grade plywood, our pallets are known for their exceptional stability and durability. Available in various sizes and specifications, which meet the diverse needs of industries making them a reliable and versatile solution

Steel Strap and Seals:

Essential components for securing heavy loads during transportation and storage. Steel straps, made from high-tensile steel, provide unmatched strength and durability, making them ideal for strapping large, bulky, or heavy items such as industrial machinery, construction materials, or shipping containers.

Specification Chart

Width	Thick	Size	Break Load (kgs)	Min UTS (Mpa)
12.7	0.38 - 0.58	12.70 x (0.38 - 0.58)	340 - 526	700
15.88	0.38 - 0.58	15.88 x (0.38 - 0.58)	431 - 657	700
19.05	0.38 - 0.79	19.05 x (0.38 - 0.79)	517 - 1304	700 - 850
31.75	0.64 - 0.89	31.75 x (0.64 - 0.89)	1450 - 2449	700 - 850



Plastic Straps (PET/PP):

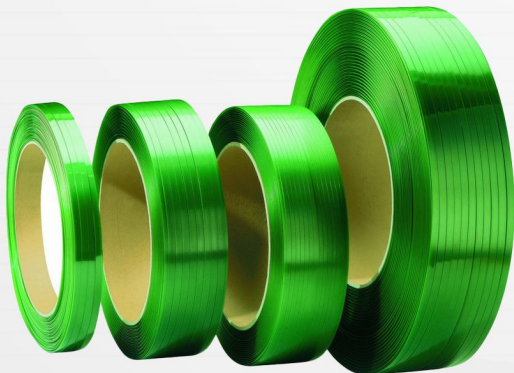
Plastic straps are a lightweight and cost-effective solution for securing goods during transportation and storage. Made from durable materials such as polypropylene (PP) or polyester (PET), plastic straps are flexible, resistant to corrosion, and designed to withstand various environmental conditions.

Polypropylene straps are suited for light to medium-duty applications, offering excellent elongation and recovery, while polyester straps provide high tensile strength, making them suitable for heavy-duty and high-tension requirements.



Green PET Strap Plane

Width (mm)	Thickness (mm)	Weight per meter (mm)	Runnage meter per Kg. (mm)	Minimum Breaking strength		Elongation at break (%)	Length per 25.00 Kg. (Meter)
				N	KGF		
12	0.5	8.04	124.38	2472	252	10 to 16	3100
12	0.6	9.65	103.65	2967	302	10 to 16	2560
12	0.7	11.26	88.84	3461	353	10 to 16	2210
15	0.7	14.07	71.07	4429	452	10 to 16	1760
15.5	0.76	15.79	63.35	4969	507	10 to 16	1560
15.5	0.9	18.69	53.5	5885	600	10 to 16	1320
15.5	1	20.77	48.15	6538	667	10 to 16	1180
16	1	21.44	46.64	6749	688	10 to 16	1130
19	1	25.46	39.28	8015	817	10 to 16	970
19.05	1.27	32.42	30.85	10206	1040	10 to 16	750



PP Strap Fully Automatic

Width (mm)	Thickness (mm)	Length/Roll (meter)	Weight/Roll (kg)	T/Strength (kg)
8	0.6	2000	5.8	65
8	0.7	2000	6	80
9	0.6	2000	6	80
9	0.7	2000	7	85
11	0.6	2000	7	90
11	0.7	2000	8	110
12	0.55	3000	12	120
12	0.6	2000	9	110
12	0.7	2000	10	120
15	0.6	1000	6	130
15	0.6	1500	9	130
15	0.7	1000	7	150
15	0.7	1500	10.5	150



Films (LDPE/Strech):

Stretch Film: Used for wrapping pallets or bundling items, stretch films offer excellent load stability and protection from dust, moisture, and damage.

Shrink Film: Applied to products and shrunk using heat, shrink films provide a snug fit around items, enhancing security and appearance.

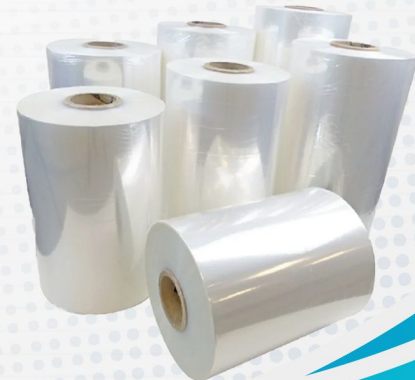
Protective Film: Designed to shield surfaces from scratches, dust, and debris during handling or transportation.

Stretch Film (Manual & Machine Grade)

Thickness	13 microns to 200 microns
Width	50 mm to 3000 mm
Yield	up to 200% – 300%

LDPE / Shrink Film (Manual & Machine Grade)

Thickness	30 microns to 75 microns
Width	300mm to 1450mm (tubular)



Boards:

Angle board/Edge board/Edge Protector/Paper Cores: sturdy and versatile packaging solutions designed to provide reinforcement and protection to the edges of goods during handling, transportation, and storage. Typically made from high-strength materials like laminated paperboard or plastic, angle boards safeguard against impacts, strapping tension, and stacking pressure.

Available Sizes	Thickness
30 mm x 30 mm	2.5 / 3 mm
35 mm x 35 mm	2.5 / 3 mm
40 mm x 40 mm	3 / 4 / 5 mm
45 mm x 45 mm	3 / 4 / 5 mm
50 mm x 50 mm	3 / 4 / 5 / 6 / 7 mm
75 mm x 75 mm	3 / 4 / 5 / 6 / 7 mm
100 mm x 100 mm	3 / 4 / 5 / 6 / 7 mm



Tapes:

Packaging Tapes: Ideal for sealing cartons and boxes, offering strong adhesion and durability during transit.

Masking Tapes: Used for temporary applications, such as painting or surface protection, due to their easy removability.

Double-Sided Tapes: Provide adhesive on both sides, perfect for bonding surfaces without visible tape.

Electrical Tapes: Designed for insulation and safety in wiring and electrical work.

BOPP Tapes: Strong, durable, and moisture-resistant adhesive tapes. High tensile strength and superior adhesive properties ensure secure and tamper-proof packaging.



Corrugated Boxes and Sheets:

Corrugated Boxes: Ideal for packaging a wide range of items, from lightweight products to heavy machinery components. They are customizable in size, design, and strength, offering options such as single-wall, double-wall, or triple-wall construction for varying levels of protection.

Corrugated Sheets: Used as separators, dividers, or padding, corrugated sheets provide additional protection and stability for stacked goods. They are also effective in creating custom packaging designs. Eco-friendly and recyclable, corrugated packaging is a sustainable choice for businesses.



Boards:

Boards are rigid and durable materials designed to provide structural support, protection, and versatility across various industries. Available in materials like wood, plywood, MDF (medium-density fiberboard), particleboard, and plastic, boards serve a wide range of applications, from packaging to construction and manufacturing.

Boards are valued for their strength, customizability, and ability to be tailored to specific requirements, whether for load-bearing applications or protective purposes.



HDPE & PP Fabrics:

HDPE (High-Density Polyethylene) and PP (Polypropylene) fabrics are versatile, durable, and cost-effective materials used in modern packing solutions. Known for their high tensile strength, moisture resistance, and lightweight properties, these fabrics are ideal for packaging bulk products like grains, seeds, fertilizers, chemicals, and industrial materials.

HDPE fabric offers superior weather resistance, while PP fabric provides flexibility and affordability. Both materials are recyclable, making them eco-friendly choices for sustainable packaging.



Foam:

Packaging Foam: Commonly used as inserts, padding, or corner protectors to shield fragile or delicate goods from damage.

Insulation Foam: Provides excellent thermal and acoustic insulation for construction and industrial applications.

EPE Foam: Lightweight, shock-absorbent, and moisture-resistant, making it ideal for cushioning fragile items during shipping.

ESD Foam: Provides additional protection against static electricity, safeguarding sensitive electronic components from electrostatic damage.



Lables:

Product Labels: Designed for packaging to convey product specifications, branding, and compliance details.

Shipping Labels: Used to display recipient information, tracking codes, and handling instructions for logistics.

Custom Labels: Tailored for unique needs, such as tamper-evident seals, waterproof labels, or decorative branding.

With options for adhesive-backed or non-adhesive labels, they offer flexibility in application, ensuring durability and legibility in diverse environments.





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We are Here




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