



TECHNICAL DATASHEET

**Protective Packaging**

Steel Coils | Paper Rolls | Cylinders | Equipments  
Lumber | Separators | Floor Guard | Construction

## Product Description

Yotex is a product made from high-density polyethylene and combined with cross-link structure for high strength polymers. Yotex is a Pseudo embossed process where it gives a functional 3mm surface made from 500gsm base sheet.

This product is designed to cover the objects to prevent the top layer of the product getting damaged. It has a great cushioning strength which ultimately protects the top layers of the wrapped coils or sheets

## Applications

1. Yotex provide great abrasion and functional strength for wrapping of coils, paper rolls, cutsheets.
2. Yotex is also used in construction industry as floorguards and underlay sheets to protect termite entry into wood through the ground surface.
3. Yotex has a grid-lock structure which is one of its key advantages and provides anti-slip properties.
4. Yotex can be interlocked when overlapped.
5. Yotex has higher advantages in interlayer sheets used for food and beverage packaging, textiles, auto-engineering, metals and consumer durables.
6. It has equal strength in both directions.
7. No technical techniques/ equipments/tools required.
8. Strong and durable which offers strength weight ratio.
9. Saves cost and energy.
10. Termite, insect proof and eco-friendly.

**GRID Lock Technology**

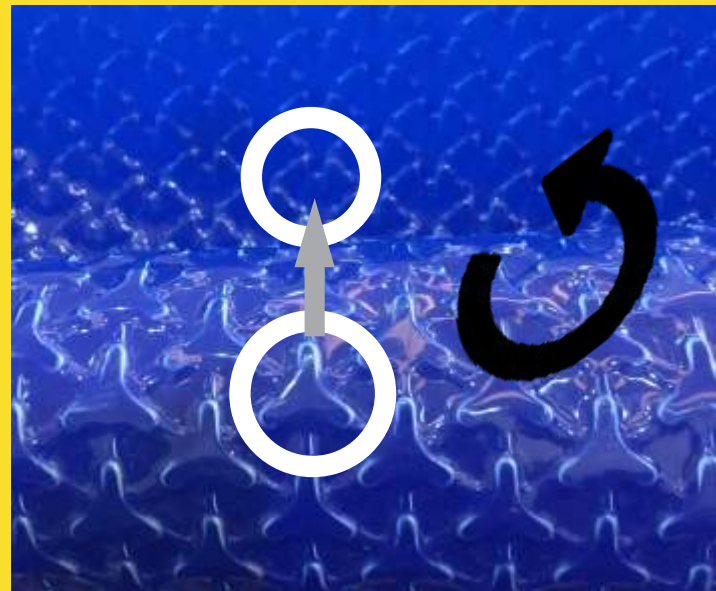
**High Abrasion Resistance**

**Saves weight and space compared to wood**

**Reusable and Termite Proof**



**Overlapped surface grid locks to give anti slip properties**



Specifications:

TYPICAL CHARACTERISTICS*	ASTM STD.	UNIT	VALUES**
<b>Resin Properties</b>			
Melt Flow Index(190 Deg.C/5.0 Kg)	D-1238	gm/ 10min.	0.45
Density at 23 Deg.C	D-1505	gm/cc	0.952
<b>Mechanical Properties</b>			
Thickness			3mm
Tensile Strength at break	D-638	MPa	27
Elongation at break	D-651	%	>750
Izod Impact Strength(Notched /23 Deg.C)	D-256	J/m	No Break
Flexural Modulus	D-790	MPa	1000
Water Absorption(24hrs.)	D-570	%	<0.01
Hardness	D-2240	Shore D	67
Grammage		gsm	500 gsm
<b>Thermal Properties</b>			
Vicat Softening Point	D-1525	Deg.C	127

Yotex Floor Protection



YOTEX Packaging for Coil



YOTEX Packaging for Sheets



Rust-X Hi Tech International

No Protective Packaging

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