

packraft
SAFECORE™



Our Commitment to Environment - All products made of 100% recycled material.

2012

www.packraftindia.com

ISO 9001:2008

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About

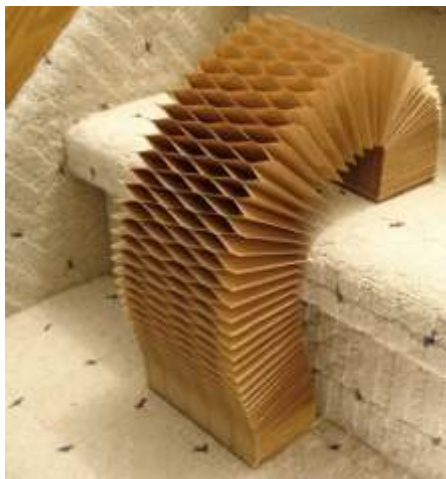
packraft SAFE CORE™

A revolutionary product that effectively replaces wood, PUF, EPS in a variety of applications is an environment-friendly new-age alternative, **SAFE CORE™** continues to provide the advantages of the older materials while adding many more benefits through its life-cycle. The paper honeycomb core by **SAFE CORE™** is an eco-friendly, versatile and lightweight material with excellent strength-to-weight ratio and high adaptability with other materials giving it almost unlimited applications. Not only does it combine with cardboard, wood & plywood, steel, plastic, FRP and many other materials but is also more economical than most materials making it an unbeatable choice. With ever increasing global concern over climatic changes paper honeycomb makes all the more sense today. As a product where the focus is to utilize recycled material and remain completely eco-friendly, it is a boon to the earth as a 100% bio-degradable, non polluting material.

Core Features

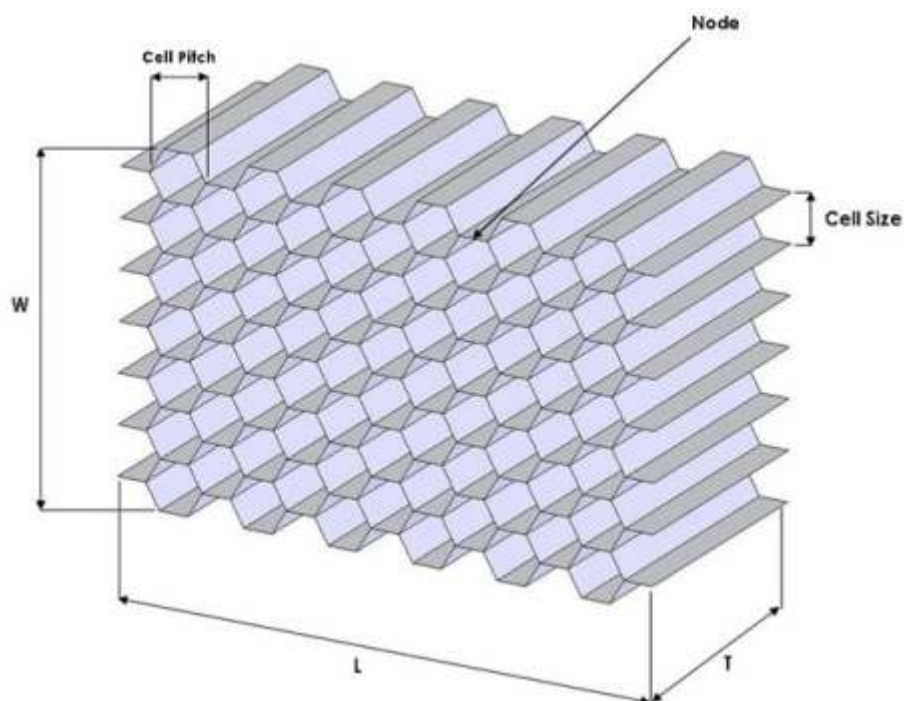
- ✓ Highest strength-to-weight & stiffness-to-weight ratio as a sandwich core.
- ✓ Predictable and uniform crushing strength under compression.
- ✓ Continuous un-expanded honeycomb core - Shipped in continuous pallet load lengths, the coiled core is several hundreds of square meter, when expanded mechanically at the point of use.
- ✓ Slices un-expanded - Certain industries require cut-to size pieces of honeycomb tailored to their application. The dimension is fit-to-use when locally expanded.
- ✓ Pre-expanded sheets - This type includes the expansion of the slices and is manufactured to the specific dimensions.

Available as Strips and Sheets



Core Specifications

HONEY COMB CORE TECHNICAL DATA



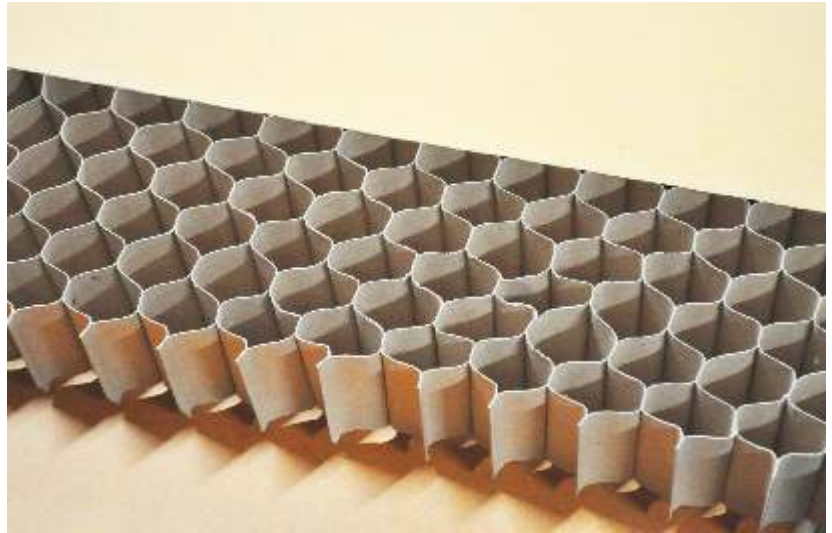
NODE/CELL SIZE (mm)	6/9		8/13		12/21		14/25	
PAPER WEIGHT (gsm)	140, 160		140, 160, 180		140, 160, 180, 200, 240		140, 160, 180, 200, 240	
PAPER TYPE	Recycled Kraft Paper							
CORE TYPE	Continuous	Strips	Continuous	Strips	Continuous	Strips	Continuous	Strips
AVAILABLE THICKNESS	6-78mm	6-100mm	6-78mm	6-100mm	6-78mm	6-100mm	6-78mm	6-100mm
THICKNESS TOLERANCE	± 0.3	± 0.3	± 0.3	± 0.3	± 0.3	± 0.3	± 0.3	± 0.3
EXPANDED LENGTH	Endless Core		Endless Core	Max 1500mm	Endless Core	Max 2100mm	Endless Core	Max 2500mm
EXPANDED WIDTH	800 - 1150 mm				800 - 1250 mm			
Usage of Cell Size	Board Making				As Filler in Door & Panels; and in boards for cushioning			



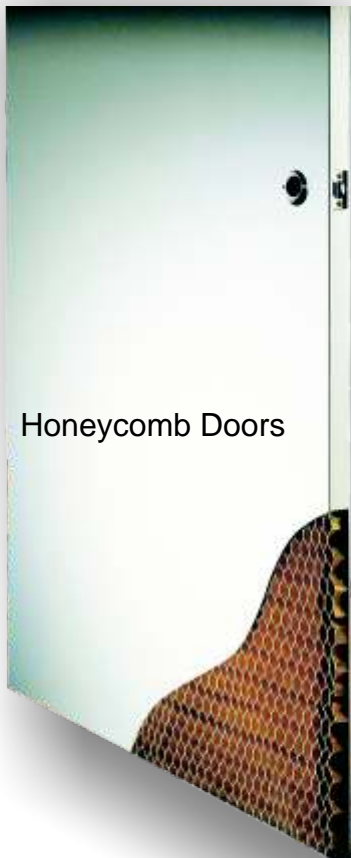
Core Applications



Ridged Core for Releasing Blocked Air



Multi-Role Honeycomb Core Boards



Honeycomb Doors

The ^{packraft} **SAFECORE™** filler in Sheet and Strip form can be used for a variety of applications to provide lightweight, strength, portability, durability and environment friendliness to the products. The Core can be used to make Honeycomb boards, in doors, in making display cabinets, pallets, hobby activities, creative items as lampshades, display boards, panels, etc. It offers virtually unlimited potential and applicability wherever there is a wood & PU filler requirement with its unique added advantages over them.

Core Expanding Machine



MODEL	Packraft 1200/4B	PAPER WIDTH MAX	1600 mm
MOTOR POWER	0.2 KW	EXPANDED PAPER	1200 mm (max)
HEATING TYPE	ELECTRIC	THICKNESS	10-90 mm
HEATING POWER	14.4 KW	CELL SIZE	8,10,12,14,16,18,20mm
POWER SUPPLY	380V/50Hz+N+Pe	CUTTING TYPE	AUTOMATIC CUTTING (With Calibrating Device)
POWER REQ.	15 KW	DIMENSIONS	3800*1800*1300
NOMINAL CURRENT	23A	WEIGHT	560 kg
PRODUCTION SPEED	MAX. 4m/min		

The Expander-Dryer is used to expand and dry the honeycomb paper. Firstly the honeycomb paper is expanded and then dried by heaters. After drying, the desired honeycomb paper length can be cut to a pre-fed size.

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About Packraft

Packraft Container India, one of the pioneers in Paper Honeycomb Core Technology in India, provides end to end packaging & protection products. The company adheres to environment friendly procedures, raw material and technology and only uses 100% recycled paper across its entire product portfolio. Packraft's Corrugation, Angle-board and Honeycomb plants use latest technology to manufacture products that are of international standard. Further the products go through an in-house quality test to ensure complete customer satisfaction. With clients throughout India and in many countries abroad, our commitment to quality and customer satisfaction as well as to the environment continues to support our mission of being the most preferred global packaging products supplier.

Corrugated Boxes



Angle-Boards



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