

ABHISHEK PLASTIC CORES

(76.4 mm ID IN 2 to 6 MM Gauge)

Innovative Concept

Relentless pressures to reduce costs & improve productivity have created unprecedented demand for innovative ways to decrease waste, improve safety, save money, & increase productivity. While often bypassed as a potential area of improvement, cores are just that. The right core can save huge amounts of money and drastically improve operations

Packaging may be defined as a means of ensuring the safe delivery of a product to ultimate consumer in a sound condition at the minimum overall cost. The finishing touch, occupies utmost importance in presentation of the goods in any trade and any compromise in this issue will definitely result in damage.

Abhishek Enterprises,

State of the art manufacturing facility installed mainly to cater global flexible film market is proved strength of the company.



Company is supplying plastic cores of thickness 2 and 6 mm in 3" internal diameter.

Abhishek plastic cores are well accepted in the market. Company can also produce and supply plastic cores as per the custom specifications.



Certification:

ISO 9001: 2000 Company is committed to complete adheres to stringent quality control measures at every level to deliver supreme products and services in the similar arena. Each of the products is guaranteed for ultimate customer satisfaction.

Consumer Satisfaction:

Company is committed to providing superlative packaging solutions at competitive prices. Company advocates healthy trade practices and warmly welcomes suggestions from valuable clients too.

Major Customers Focused

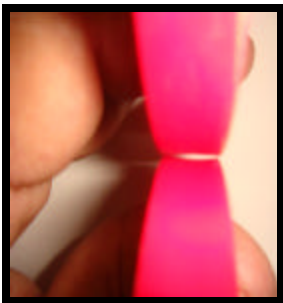
- Garware Polyester films Ltd
- Cosmo Films Ltd
- SRF Films Ltd
- Tech-Nova Imaging Ltd
- Jindal Polyester Films Ltd
- UFLEX Industries Ltd (NOIDA)
- Polyplex Corporation Ltd.

Infrastructure

Company's infrastructure forms backbone to the business. Company is utterly loaded with the armaments of modern machinery and highly qualified personnel that provides perfect equation for unmatched packaging solutions. In-house testing facility comprises of latest equipments and highly experienced technical force, capable of ensuring internationally acceptable quality of products.

Superior Working Quality:

Molded Core



Extruded Cores



Company's quest for superior quality helps to hold a dignified position. It is easily noticed that due to shrinkage red molded core there is a large gap due to shrinkage. Gap increases as size goes up which is main cause for winding defects like initial wrinkles & un-flush.

Applications:

Cores are exceptionally useful for high end applications of winding specialty films including solar films, safety films photo films, magnetic films, and clear films.

Unique Features of Plastic Cores

High strength cores can be reused. The end of tear out and crushing problems. Far lighter than metal cores and work without corrosion and shipping problems for ever. Less than half the weight of comparable aluminium.

Problems Associated With Paper Cores

The converting industry has long overlooked a major source of waste in its use of disposable paper cores. The relatively low initial purchase price of a paper core is misleading when you consider:

- Actual cost-per-use
- Frequent ordering receiving & Disposal
- Loss of roll due to core damage
- Inconsistent ID tolerance
- Dust contamination
- Moisture absorption
- Core fires



Special Product

Cores with a special covering inside out for static charge removal and ultra smooth surface.



General Specifications

Sr. No	Property	General Specifications
01	Raw Material	High Impact Polystyrenes of various grades mixed in proportion to achieve desired results.
02	Internal Diameter	76.4 mm (3")
03	Thickness	2 mm to 6 mm
04	Length	Practically any length is possible.
05	Packaging	<ul style="list-style-type: none">• Individually packed in PE tubing• Standard Seaworthy• Packaging in corrugated box• Palletized on standard pallets.
06	Container Load	Quantity depends on size of the core typically for 1535mm size 2000 no are stuffed in 20 feet ISO container.

Technical Specifications

Sr. No	Property	Technical Specifications
01	Structure	Amorphous
02	Specific Density	1.04Gm/cc
03	Water Absorption Rate	0.1 %
04	Elongation	55 %
05	Tensile Strength	4000 PSI
06	Compression Strength	7500 PSI
07	Flexural Strength	8700 PSI
08	Flexural Modulus	280000 PSI
09	Impact	2 IZOD ft. lbs/in
10	Hardness	R65
11	Fabrication	
a	Bonding	Excellent
b	Ultrasonic Welding	Good
c	Machining	Good
12	Deflection Temperature	
a	@ 66 Psi	195 Deg. F
b	@ 264	180 Deg. F
13	Utilization Temperature	
a	Min	-22 Deg. F
b	Max	140 Deg. F
14	Melting Point	185 Deg. F
15	Coefficient of Expansion	0.000042
16	Chemical Resistance	
a	Acids	Good
b	Alkalis	Excellent

Material Safety Data Sheet (MSDS)

Section 1: Product and Company Information

Product Name	HIPS Core
Trade Name	Abhishek Core
In Case of	Emergency Call: 91-240-2486813 Information Call: 91-240-2486813
Supplier	Abhishek Enterprises Office No.1, Disha Garden, N-2, CIDCO, Aurangabad -431003, Maharashtra, India. Tele-fax No. 91-240-2486813 / 2489481 E mail :- admin@abhishekgroup.org ,
Web Site URL	www. abhishekgroup.org

Section 2: Composition and Information on Ingredients

High Impact Polystyrene	25 to 35%
General Purpose Polystyrene	65 to 75%
Stabilizers (Trade secret) n/a <5%	

Section 3: Hazards Identification

Effects of Acute Exposures.	Inhalation of vapours may result in irritation of upper respiratory tract
Effects of Chronic Over Exposure.	None Determined
Stabilizers (Trade secret) n/a <5%	
OSHA Permissible Exposure Limits	<ul style="list-style-type: none">• 5 mg/m³ Respirable Dust• 15 mg/m³ Total Dust
Carcinogen Potential: • National Toxicology Program: • I.A.R.C. Monograph	Not Listed Not Listed Not Listed

• OSHA:

Section 4. Emergency and First Aid Procedures

Inhalation:	Dust and process vapours may be irritating to the nose, throat and respiratory tract. Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get Medical attention.
Eyes:	Dust, fines and process vapours may irritate the eyes. Immediately flush eyes with water for at least 15 minutes. Get medical attention.
Skin:	Exposure to molten condition may cause thermal burns. If molten material comes in contact with the skin, cool under ice water or a running stream of water. DO NOT attempt to remove the material from the skin. Removal could result in severe tissue damage. Get Medical attention.
Ingestion:	No adverse health effects expected from ingestion.

Section 5: Fire and Explosive Data

Flash Point.	>650 °F
Upper Explosive Limit	Not Determined
Lower Explosive Limit.	Not Determined
Auto Ignition Temp	>650 °F (estimated)
Extinguishing Method.	Dry Chemical, Water Spray, Foam, Carbon Dioxide
Special Fire & Explosion Hazards	Dense smoke emitted when burned without sufficient oxygen. Possible dust explosion if fines accumulate. Wear Standard fire fighting attire.

Section 6: Accidental Release Measures

Land Spill.	Not Applicable. Spilled material should be recollected. Comply with applicable federal, state and local regulations.
Water Spill.	Advice local authorities if spilled in waterway or sewer. Skim from surface of water if possible.

Waste Disposal	Reclaim where possible. Dispose of in accordance with local and state regulations. This is not an RCRA hazardous waste.
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Section 7. Storage and Handling

	Keep away from sparks, heat and flame
	This product may react with strong oxidizing agents and should not be stored near such materials.
	Store boxes and bags of material in areas protected with automatic sprinklers. Use proper grounding procedures.
	Inspect handling system regularly for possible accumulation of fines. Fines can present an explosive hazard when exposed to heat, sparks and open flames.

Section 8: Protective Measures

Skin.	Not Applicable. However wear gloves when handling the material
Ventilation.	Not Applicable. Adequate ventilation is recommended to minimize accumulation of fines during processing and handling.
Respiratory.	Not Applicable
Eyes and Face.	Not Applicable. Eyewash fountains and safety showers should be easily accessible.
Protective Clothing.	Not Applicable.
Other Measures.	Follow normal personal hygiene and good housekeeping practices.

Section 9: Physical and Chemical Characteristics

Appearance and Odor.	Pipe , Odourless
Boiling Point	Not Applicable
Solubility.	Insoluble in Water
Evaporation.	Not Applicable
Specific Gravity.	1.04 to 1.10 (g/cm ³ @ 23 °C)
Vapour Pressure.	Not Applicable
Melting Point	210 °F (99°C)

Vapour Density.	Not Applicable
Percent Volatile.	Negligible

Section 10. Reactivity

Stability	This material is Stable.
Hazardous Polymerization	Hazardous polymerization will not occur
Conditions to Avoid.	Keep away from heat, sparks and flame. Avoid storage or contact with strong oxidizing agents.
Combustion Products.	Following combustion products may be generated: Carbon Dioxide, Carbon Monoxide, water vapour, and Trace Volatile Organic Compounds.

Section 11. Additional Regulatory Information

	Material is not regulated by D.O.T.
	Material is not Hazardous by OSHA Hazardous Communication Standard 29 CFR 1910.1200
	Material is not subject to specific CERLA reporting requirements.
	Material is not subject to SARA 313 reporting requirements.
	Material is compliant with European RoHS Directives 2002/95/EC and 2003/11/EC and contains no restricted substances.
	Hazard Material Information System (USA) Health – 0, Flammability – 1, Reactivity - 0

To the best of our knowledge information contained in this Material Safety Data Sheet is accurate.