

# Characteristic, Use, Application ,

## Properties of Jute Fiber:

1. Jute fibre is 100% biodegradable and recyclable and thus environmentally friendly.
2. Jute is a natural fibre with golden and silky shine and hence called The Golden Fibre.
3. Jute is the cheapest vegetable fibre procured from the bast or skin of the plant's stem.
4. It is the second most important vegetable fibre after cotton, in terms of usage, global consumption, production, and availability.

5. It has high tensile strength, low extensibility, and ensures better breathability of fabrics. Therefore, jute is very suitable in agricultural commodity bulk packaging.
6. It helps to make best quality industrial yarn, fabric, net, and sacks. It is one of the most versatile natural fibres that has been used in raw materials for packaging, textiles, non-textile, construction, and agricultural sectors. Bulking of yarn results in a reduced breaking tenacity and an increased breaking extensibility when blended as a ternary blend.
7. Unlike the fiber known as hemp, jute is not a form of (Cannabis). Therefore it can be much more easily

distinguished from forms of Cannabis that produce a narcotic

8. Jute is one of the most versatile natural fibres that has been used in raw materials for packaging, textiles, non-textile, and agricultural sectors.
9. Jute stem has very high volume of cellulose that can be procured within 4-6 months, and hence it also can save the forest and meet cellulose and wood requirement of the world.
10. The best varieties of Jute are Bangla Tosha - *Corchorus olitorius* (Golden shine) and Bangla White - *Corchorus capsularis* (Whitish Shine), and Mesta or Kenaf (*Hibiscus cannabinus*) is another

species with fibre similar to Jute with medium quality.

11. Raw Jute and Jute goods are interpreted as Burlap, Industrial Hemp, and Kenaf in some parts of the world.

The best source of Jute in the world is the Bengal Delta Plain, which is occupied by Bangladesh and India.

### **Uses of Jute Fiber**

Jute is the second most important vegetable fibre after cotton; not only for cultivation, but also for various uses.

- Jute is used chiefly to make cloth for wrapping bales of raw cotton, and to make sacks and coarse cloth.
- The fibres are also woven

- The fibres are also woven into curtains, chair coverings, carpets, area rugs, hessian cloth, and backing for linoleum.
- While jute is being replaced by synthetic materials in many of these uses, some uses take advantage of jute's biodegradable nature, where synthetics would be unsuitable.
- Jute butts, the coarse ends of the plants, are used to make inexpensive cloth.
- Traditionally jute was used in traditional textile machineries as textile fibres having cellulose (vegetable fibre content)



(vegetable fibre content) and lignin (wood fibre content). But, the major breakthrough came when the automobile, pulp and paper, and the furniture and bedding industries started to use jute and its allied fibres with their non-woven and composite technology to manufacture nonwovens, technical textiles, and composites.

- Jute can be used to create a number of fabrics such as Hessian cloth, sacking, scrim, carpet backing cloth (CBC), and canvas.
- Hessian, lighter than sacking is used for bags

- Hessian, lighter than sacking, is used for bags, wrappers, wall-coverings, upholstery, and home furnishings.
- Sacking, a fabric made of heavy jute fibres, has its use in the name.
- Diversified jute products are becoming more and more valuable to the consumer today. Among these are espadrilles, floor coverings, home textiles, high performance **technical textiles**, Geotextiles, composites, and more.
- Jute is also used in the making of ghillie suits which are used as camouflage and

camouflage and  
resemble grasses or  
brush

Thus, jute is the most environment-friendly fibre starting from the seed to expired fibre, as the expired fibres can be recycled more than once.

Another diversified jute product is **Geotextiles**, which made this agricultural commodity more popular in the agricultural sector. It is a lightly woven fabric made from natural fibres that is used for soil erosion control, seed protection, weed control, and many other agricultural and landscaping uses. The Geotextiles can be used more than a year and the bio-degradable jute Geotextile left to rot on the ground keeps the ground cool and is able to make



ground cool and is able to make the land more fertile.

### **Application of Jute:**

**Jute** is the second most important vegetable fiber next to cotton. Jute is used chiefly to make cloth for wrapping bales of raw cotton, and to make sacks and coarse cloth. The fibers are also woven into curtains, chair coverings, carpets, area rugs, hessian cloth, and backing for linoleum.

While jute is being replaced by synthetic materials in many of these uses, some uses take advantage of jute's biodegradable nature, where synthetics would be unsuitable. Examples of such uses include containers for planting young trees, which can be planted directly with the container without disturbing the roots and land

disturbing the roots, and land restoration where jute cloth prevents erosion occurring while natural vegetation becomes established.



Jute made products



Jute Rope

## Jute Fabrics

Jute is a natural, long and soft vegetable fiber with golden silky

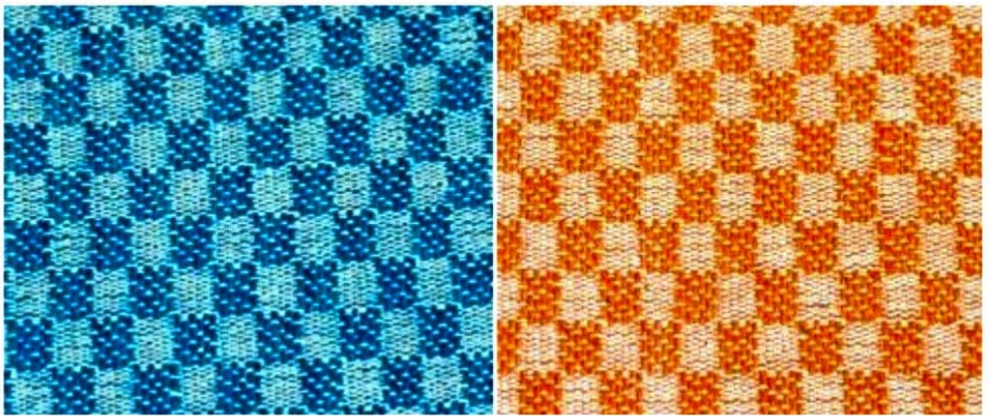
## **Jute Fabrics**

Jute is a natural, long and soft vegetable fiber with golden silky shine, also termed as “ The Golden Fiber ”. It can be spun into coarse and strong threads. This fabric is also known as hessian and burlap. The very fine threads of jute can be separated out and made into an imitation silk.

India is one of the largest producer of jute in the world. The prime goods woven of jute in India were coarse packaging materials, farmer market bags, grocery bags, shopping bags and floor mats, ropes and twines. Being among the strong and durable fabric, jute fabric is ideally being used as bags or sacks for packing since aging. The jute fabric is much sought item for fashionable



clothes, home furnishing and fashion accessories. The most important use of the jute fabric is in the manufacturing of carpets, linoleum, cordage and twines. It is sometimes used as webbing to cover inner springs of the auto seats. Sometimes used as fashion accessory used for **fashion garments**, tapestries, soft luggage, etc.



Jute Fabrics

## Jute Furniture

Besides piece of furniture made from other popular wood types, Jute furniture is also favored by consumers all around the world. The furniture made from .Jute

The furniture made from Jute doesn't only look good, but can also enhance the area of your living room or drawing room. Jute made furniture has a number of striking features. This makes it an perfect choice for making long-lasting and hard-wearing furniture. Jute furniture is natural, captivating and highly stylish and is acquirable all over, in a number of various designs as well as styles. Today, there many renowned manufacturers, suppliers and exporters of Jute furniture across the globe. Also, nowadays, there are various Marketing Agents and wholesale & retail stores from where various exclusive range of Jute furniture can be easily availed by the customers.

Today most of the wholesale



Today most of the wholesale suppliers, manufacturers and exporters of jute made furniture provide a complete range of Jute furniture, which covers:

1. Jute Chairs, Stools & Tables
2. Jute Lounge Chairs
3. Jute Beds
4. Jute Sofa Sets
5. Jute chair & table
6. Jute Office Furniture
7. Jute Hotel Furniture
8. Jute Room Divider
9. Jute Cafeteria Chairs & Tables
10. Jute Mattress
11. Portable Jute Bed
12. Jute Hammocks & Hanging Chairs
13. Jute Shoe Rack
14. Jute Multipurpose Racks, and so on



Jute chair & table

On top of all that, such furniture can also stay longer without any heavy maintenance or cleaning. Even without any added chemical substance, Jute has the quality to be very immune against water damage and, unlike other materials; there is no point forming into any sort of rust. It is very easy to clean and will rarely need any additional care in order

to keep it safe. While this makes Jute furniture perfect for outdoor surroundings such as your backyard or terrace, it is also gives a beautiful touch to any area you are looking to beautify within your home or cottage. Furniture made from jute is less expensive, and is pleasing to the eye and durable and can incorporate new designs. Normally middle class and low-income groups of people can easily use Jute made furniture. Therefore, the demand for such furniture is increasing rapidly in the global market.

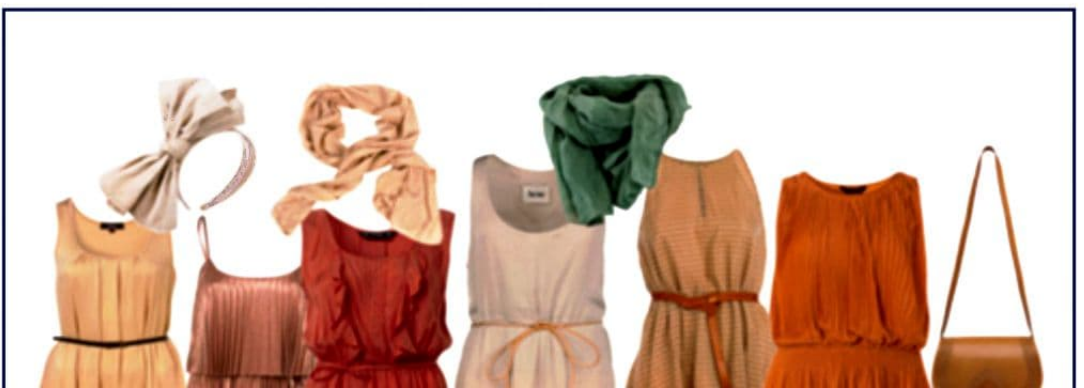




## Jute cloth

Jute cloth made by 100% jute fiber, laminated jute cloth, jute hessian fabric, rough jute products, hessian cloth, sack cloth, for pack. Anji Qingyun jute cloth made by 100% jute fiber, 100% jute natural products, laminated jute cloth, laminated jute fabric. The jute fabric is getting popular in nowadays. The fabric also could be dyed, colored, printed, embroidered, bleached, printed, soft, PE coated etc...

**Characteristic :**  
Environmental, economical, slub, rough, eco-friendly, Moisture-Absorbent.





Jute shoes

## Other Uses

Diversified byproducts from jute can be used in cosmetics, medicine, paints, and other products.



Jute cosmetics