

## **JUTE - THE GOLDEN FIBRE**

Jute, a natural fibre used universally, is the bark of a slender plant of tropical and subtropical origin. Its use as an utility product in the life of human being dates back to some centuries. The great break-through made in textile technology at the dawn of the industrial revolution helped jute come out as an amazing fabric from its age-old use as cordage and rope. Since then the innumerable additions and modifications in its form and structure groomed jute into an indispensable material all over the world for an array of other specified and unspecified uses.

## **ADVANTAGES OF USE OF JUTE GOODS**

Advantage of jute over other man-made fibre is still supreme in modern world because of its many inherent yet unique properties.

- Under stress jute extends only 0.5% to its stable form and so gives wonderful dimensional stability.
- Jute being hygroscopic and aeriferous permits normal breathing and humidity to the contents and so ensures their storage without deterioration.
- The hairy surface of jute fabric gives it a capacity to grip any surface it comes in contact with. They can, for this reason, be stacked high and wide without any risk of slippage.
- Hooks may be used freely and easily on jute products during handling as its innate properties cover up the pierced holes immediately after. It thus prevents seepage loss of contents during transportation and allows itself to be re-used over and over again.
- Protecting environment is one duty it does for all our tomorrows.

## **JUTE BEING NATURAL IS BIODEGRADABLE**

- It does not plug the natural pore of the earth soil and surface.
- It has no adverse effect on human body and the mother nature as a whole. Protecting environment is one of the major activities it does for all our tomorrows.
- When burned, it emits the same fume as a burning wood as we know, is nothing dangerous.
- The ignition temperature of jute is 1930 c. It thus remains very stable upto near ignition point. Even at boiling temperature, its intact physical properties guard it from undergoing possible distortion.

## **END-USES OF JUTE GOODS**

Jute is being ideally used as:

- Bags and sacks for packing almost all kinds of agricultural products, minerals, fertilizer, cement;
- Wool packs and cotton bales;
- Wrapping materials;
- Carrier and backing fabric for carpet and linoleum;
- Cordage and twines;
- Webbing and fabric to cover inner springs in auto seats and upholster furniture;
- Cargo separator in ship;
- Brattice cloth for mine ventilation and partition;
- Filling material in cable;
- Roofing and floor covering apparel;
- Footwear lining;
- Wall covering and furnishing fabric;
- Fashion accessories;
- Jute geo-textile for erosion control and many more.

## DIVERSIFIED PRODUCTS

With continued pursuit backed by innovative expertise, Jute Manufacturers came up with a variety of nontraditional products as under for their commercial production and marketing:

- **Rot-Proof Fabric/Bag:** Normal jute fabric and bags treated with anti-rot chemicals/agents to impart extra longibity for use in adverse condition.
- **Dyed CBC: Specification:** 48"-9 oz/36, 15x13; Colour: Deep and Light orange, firoza, Red, Deep Dark Stain, Blue, Black, Light Dard Stain, Bleached and Semi-Bleached.
- **Scrim Cloth: Width:** 27"-80"; **Weight:** 5-20 oz per yd; **Packing:** 1000-2000 yds. Per Bale.
- **Cable Yarn:** Specialised yarn for use as filling materials in cable making.
- **Jute Intermediate Bulk Container (JIBC):** Capable to contain one ton of material and equiped with both manual and mechanised handling and controlled filling system.
- **Others:** Flexible Tea Bag, Jute (blended) interlining, Nursery Pot, Christmas Bag, String Bag, Bed Side Mat, Table Mat, Soft Luggage, Briefcase, Suitcase, Py6tfolio Bag, etc., etc.

## **PRODUCT RANGE**

Bangladesh being the best jute producing country enjoys the natural privilege in manufacturing following types of jute goods from the long and lustrous jute fibre:

### **HESSIAN CLOTH**

**Width:** 24 to 80 inches; **Weight:** 5 to 14 ozs; **Colour:** Natural, Semi-brite, Full-brite, Bleached and Dyed; **Branding:** Upto three colour; **Packing:** 1000/2000 yds. per iron bound bale or in roll; **Option:** Cloth of any specification are available within width and weight ranges.

### **HESSIAN BAG**

**Sizes:** Available as per buyer's requirement; **Sewing:** Herackle and Overhead (Safety sewing optional); **Colour:** Natural; Semi-brite, Full-brite, Bleached and Dyed; **Branding:** Upto three colour; **Packing:** 500/1000 bags flat/folded in iron bound bale; **Standard Bags:** Australian Bran Bag, Cotton Pack, Fertilizer Bag, Japanese Rice Bag, Onion Pocket, Potato Bag, Shopping Bag etc.

## **SACKING CLOTH**

**Width:** 20 to 37 inches; **Weight:** 11 to 24 ozs, **Weaving:** Plain and Twill; **Colour:** Natural, Bleached and Dyed; **Packing:** 500/1000 yds. in iron bound bale.

## **SACKING BAG**

**Sizes:** Standard; **Weight:** Standard or light; **Sewing:** Overhead Dry and Overhead Tar (Safety sewing optional); **Colour:** Natural; **Branding:** Upto three colour; **Packing:** 200-500 bags flat/folded in iron bound bale.

## **CARPET BACKING CLOTH (CBC)**

**Primary Backing Width:** 40"-203"; **Weight:** 8 oz to above; **Secondary Backing Width:** 40"-203 "; **Weight:** 5.5-70z; **Packing:** 500-1000 yds. per roll.

## **WALL COVERING CLOTH**

**Width:** 40"-145"; **Weight:** 8-10.5 Oz; **Packing:** 300-1000 yds. per roll.

## **JUTE MATTING**

**Width:** 3 feet; **Length:** 150 feet; **Design:** Plain and Design; **Weight:** Design-2.50 lbs/yd, Plain-2.25 lbs/yd; **Packing:** 150 feet per roll; **Use:** Both side.

## **JUTE PILE CARPET**

Made of 100% natural fibre, free from static electricity, pollution and health hazard, finished with back-coating and fire resistance agent, BJMC produces and exports jute carpets of fabulous designs of following specifications:

### **GOLDEN TIGER: PLAIN CARPET**

**Size:** 6'x50', 9'x50' and 12'x50'; **Pile Height:**  $10\text{mm} \pm 1\text{mm}$ ; **Pile Density:** 126 & 135 per sq. inch.

### **GOLDEN TIGER: DESIGN CARPET**

**Size:** 2'x3', 2'x4', 3'x5', 4'x6', 4'x6.5', 4'x7', 6'x9', 8'x12' and 9'x12'; **Pile Height:**  $10\text{mm} \pm 1\text{mm}$ ; **Pile Density:** 126 & 135 per sq. inch.

### **WILTON TYPE: PLAIN & DESIGN CARPET**

**Width:** 3 feet; **Length:** 100 feet (in roll); **Pile Height:**  $\frac{1}{4}$  inch (6mm); **Pile Density:** 96 & 112 per sq. inch.

## **COTTON BAGGING**

**Width:** 26-50 inches; **Weight:** 1 lb. 12 ozs - 2lbs. 14 ozs;  
**Packing:** 600-800 yds. Per bale.

## **GEO-JUTE/ SOIL-SAVER**

**Width:** 1.22 m; **Weight per meter:** 610 gms; **Warp ends per 10 cm:** 6.5; **Weft ends per 10 cm:** 4.5; **Oil Content:** 5.6%; **Moisture content:** 15.5%; **Packing:** 600-900 meter per bale.

## **YARN**

**Type:** Mackroll and Precision in spool; **Weight:** Mackroll-12 lbs. per spool, Precision-15 lbs. per spool; **Packing:** 6 spool in Hessian Truss.

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