



IS 15138 : 2010 - Textiles - Jute bags for packing 50 kg sugar – Specification (first revision)

Jute bags are made from sustainable, biodegradable materials and are designed to safely and efficiently package and transport heavy and bulky products. Bags are used for packaging food grains , cereals , rice, wheat, sugar, coffee, cashew nuts , peanuts and vegetables etc.

IS 15138:2010 is an Indian Standard that specifies the requirements for jute bags designed for packing **50 kg of sugar**. This standard aims to ensure the quality, durability, and performance of jute bags used in the sugar industry, thereby safeguarding the product during **storage and transportation**. The document outlines essential criteria, including the physical and mechanical properties of the jute fabric, dimensions, and **construction** methods of the bags.

Key specifications include the minimum **tensile strength** and **seam strength** of the jute bag, which are critical for preventing damage during handling. The standard also details the acceptable **dimensions** for the bags to ensure they can securely hold the specified weight of sugar without risk of rupture. It also highlights **moisture content** in maintaining the commercial value of jute bags and safeguarding their properties against environmental influences.

IS 15138:2010 provides guidelines for testing methods to assess the quality and performance of jute bags, ensuring compliance with safety and reliability standards. The first revision of this standard reflects updates based on industry practices and technological advancements, promoting the use of **sustainable packaging solutions**.

Overall, IS 15138:2010 plays a significant role in enhancing the efficiency of the sugar packaging process, supporting the jute industry, and contributing to **environmental sustainability** by advocating for the use of **biodegradable materials**.