

SUMMARY

IS 14968:2015 Textiles –High Density Polyethylene (HDPE)/ Polypropylene (PP) Woven Sacks for packaging 50 kilogram /25 kilogram Sugar

HDPE/PP woven sacks are ideal for packaging 50kg and 25kg of sugar, offering durability, stability, and efficient handling. Their woven construction provides excellent tear resistance, ensuring product protection during transport and storage. These sacks are designed for easy stacking, which maximizes storage space and minimizes the risk of damage. With moisture-resistant properties, they help preserve the quality and freshness of the sugar inside. Additionally, HDPE/PP woven sacks are lightweight making them a sustainable packaging choice. Their strength, reliability, and cost-effectiveness make them an optimal solution for bulk sugar packaging.

The Indian standard IS 14968 published by BIS in the year 2015 specifies the requirements for HDPE and PP woven sacks used to package 50 kg and 25 kg of sugar. It covers essential characteristics, including material, construction, strength, and safety criteria to ensure these sacks maintain integrity during handling, storage, and transport of sugar.

The sacks are manufactured using high-density polyethylene (HDPE) or polypropylene (PP) tapes woven into a tubular structure. The specifications include details on the tape's width, weight, and linear density based on the sack's intended capacity. Optional inner liners may be included for added protection, meeting food-grade standards.

The standard mandates various performance tests, including **breaking strength, seam integrity, UV resistance, and ash content**. UV-stabilized HDPE/PP tapes ensure durability against sunlight, while rigorous testing ensures these sacks withstand physical stresses without tearing.

Each sack must be marked with essential information, including the manufacturer's identification and recycling logo. Sacks are bundled in bales of 500 units for shipment, and each bale must also be labelled with relevant manufacturing details.

IS 14968 establishes a comprehensive framework for quality, ensuring that HDPE/PP woven sacks for sugar packaging meets the stringent durability and safety requirements.