



**ARIYAN INTERNATIONAL INC.**  
Bridging Businesses Together

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## STANDARD SPECIFICATION OF JUMBO BAG

### **BITUMEN IN 1/MT JUMBO BAG PACKING SYSTEM:**

Bitubags (abbreviation for Bitumen bags) and Jumbo Bags can be a cost-efficient solution as an alternative for Bitumen drums.

### **TRANSPORTATION AND STUFFING:**

Each 20 feet container can hold 18 Jumbo bags (1/MT). This results in being more cost-effective for land and ocean freight.

The Bitubag Packing System is a comprehensive cold bitumen logistic/supply chain solution from A to Z for the bitumen industry. It addresses all aspects of the bitumen producer, the logistics, the distributor and the end-user.

The core element is the Bitubag packing system; a light-weight, durable and flexible bag optimized for container transports that enables a number of economic and logistic advantages for the entire supply chain. With its unparalleled features, Bitubag packing can increase the producer's margins, reduce transport costs and reach markets that could not be reached because it is more economical.

Furthermore, with the Bitubag packing system, Bitumen can be stored at virtually no cost. Huge investments in terminals and storage infrastructure become obsolete.

### **ADVANTAGES OF BITUMEN BAG PACKING FOR END – USERS:**

#### **TOTAL FLEXIBILITY FOR THE BITUMEN OPERATION:**

- Availability of bitumen at the site to be used whenever it is needed independent of hot bitumen sources.
- All conventional means of transport can be used (standard trucks, 20ft. containers, train, ship) for regional or international transport.
- Long – term storage up to 12 months without any energy consumption.
- Independence of seasonal fluctuations of supply and/or demand.
- Expand your bitumen sales market.
- Melt and supply just-in-time on-demand.
- Balancing seasonal fluctuations.

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- Substantial energy savings – no heating required during transport and storage.
- Significant cost savings over the entire supply chain compared to conventional bulk transport, bitutainers or drums.
- Reduce environmental foot–print.
- Reliable and efficient equipment (CPU and high – Performance smelters).
- More independence and flexibility for your supply chain.

**BITUMEN BAG:**

- The Bag is designed as a self–stabilizing container made of plastic material, consisting of a multi–layer outer bag (flexible recyclable fabric) and an inner liner (special–purpose film).
- The Bitumen Bag can carry over 1,000/Kg. of paving bitumen. Its shape and volume is optimized for maximum loading.
- The bag can be transported by any common transport system (Truck, Standard Container, Rail and Ship).
- The bag is UV–protected and suitable for every climate. It and can be stored for up to 12 months.



**(1,000/Kg. Jumbo Bag)**