

PS BAG

Pipe Support Bag

A reinforced, geosynthetic bag, consisting of a mechanically bonded woven/nonwoven composite fabric, with a dimensioned geotextile drainage base.

Use:

These bags are filled with wet tailings material, sand or soil, and are mainly used as support plinths below concrete, HDPE or steel pipes. It provides an excellent soft solution when used as protection support over geomembrane liners in the mining and waste industry. A strong composite fabric makes up the bulk of the bag to create a robust yet flexible bag. The bags are engineered to be lifted and placed when filled.

The dimensioned drainage filter at the base of the bag allows for maximum drainage and retention when filled with wet tailings or fill material.



Advantages:

- No heavy concrete plinths needed as support
- Risk of damage to liners is reduced by not using hard concrete with angular aggregate
- Cost effective as the fill material is usually freely available
- Any type of relatively free-draining fill material can be used
- When fully drained, the consolidated, dry infill assumes the characteristics of a stabilised soil which can support sustained heavy loads
- Light-weight bags offer savings in transport costs compared to hauling cement or steel, especially to remote areas



Installation Guidelines:

Use a spade or nozzle to infill the bag. Use the tie cord to seal the prefabricated spout of the specially designed closing system. Depending on the type of fill material, the draining time will vary.

Even though the outside of the bag is manufactured from UV resistant polyester it is recommended that for extended installations the exposed surfaces of the PS Bag be coated with bitumen or covered with soil to protect the bag from long term UV exposure.



Available sizes:

Any size bag can be manufactured to the customers' needs for large orders.

Standard sizes:

900 x 900 x 900mm bag – Approx 1800 kg when filled

900 x 900 x 500mm bag - Approx 1000 kg when filled.



DISCLAIMER: The application, handling and conditions of use of our products are critical and beyond our control. Information given by us in our documentation or orally, or by any employee or agent and any advice, recommendation or assistance, is given in good faith but without creating any obligation or warranty.
© Kaymac (Pty) Limited t/a Kaytech 2017