



## **IS 17286:2019**

### **Textiles – Water-proof multipurpose rain poncho with convertibility as bivouac – Specification**

Water-proof Multipurpose Rain Poncho is a versatile piece of clothing designed primarily to keep you dry during rain. Water proof multipurpose rain poncho with convertibility as bivouac also works as a temporary camp without tents or cover, used especially by soldiers or mountaineers.

Water proof multipurpose rain poncho with convertibility as bivouac is made from a water repellent material that keeps the body dry from the rain. Further, the strength of material, flexibility, comfort, and convertibility are key consideration of this product.

Indian Standard 17286:2019 is a specification for water- proof multipurpose rain ponchos with convertibility as bivouac.

Polyamide (nylon 6 or nylon 66) is being used to manufacture this rain poncho because of its outstanding tensile strength and scrub resistance, high elasticity and a higher specific heat capacity compared to other materials.

This standard covers the general clothing design, the minimum performance levels of the material used and various methods of test for determining these performance levels.

The methods of tests include Water Resistance, Tear Strength, Seam Strength, Abrasion Resistance, Flexibility and Comfort, Convertibility, etc.

In summary, this standard ensures that the rain ponchos are durable, flexible and of optimal quality.