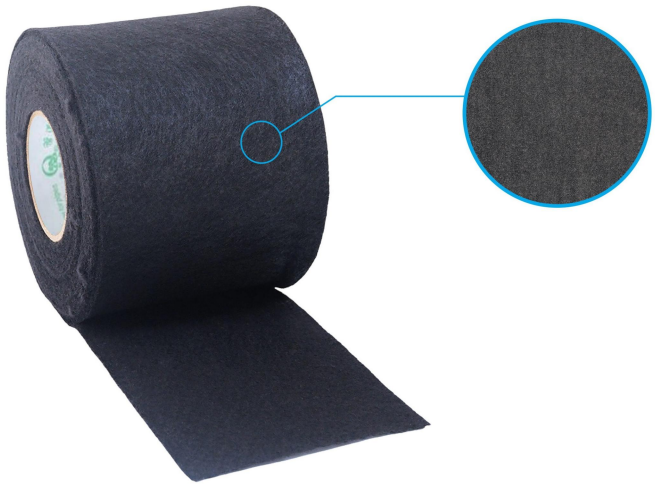
# Non-woven Polypropylene Blanket

## Non-viscous external coating material



## Features

- High tensile strength, low elongation
- Allow cathodic protection current to pass
- Provide a sliding plane
- Suitable for various climatic conditions

This non-stick exterior coating is a durable, felt-like polypropylene non-woven fabric specifically engineered for pipeline applications. It features exceptional abrasion resistance and low tensile/elongation properties, enabling it to effectively encapsulate the bonded outer layer. Under soil stress conditions, the material moves independently of the coating to redistribute generated stresses, thereby preventing damage and significantly enhancing the reliability of the overall protection system.

## Storage and Shelf Life

This product should be stored in a dry and ventilated room, handle carefully during transportation. Keep the environment clean at all times. The shelf life of this product is not limited.

## Application Instruction

Apply an additional protective layer of nonwoven polypropylene blanket using a spiral winding method. Typically overlap by 50%. The minimum overlap should be 25mm (1 in). The initial and final winding should be straight circular patterns. Maintain sufficient tension throughout the process to ensure continuity with the original coating. Secure both the start and end ends with binding straps.

## Friendly Reminder

The backfill should be kept clean and should not contain any foreign matter that could damage the coating system.

| Project | Typical Value | Test Method |
|---|---|---|
| Thickness | 0.70mm (27.56mil) | ASTM D1000 |
| Tensile Strength - Gra | 0.45KN (102lbs) | ASTM D4632 |
| Elongation Rate | 50% | ASTM D4632 |
| Diameter of Inner Core | 76mm (2.992in) | |
| Available Roll Size (width * length) | 50 to 300mm X 10 to 50m (1.97 to 11.81in X 32.81 to 165ft) | |
| Color | black | |

**For more technical inquiries, please visit our website.**

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