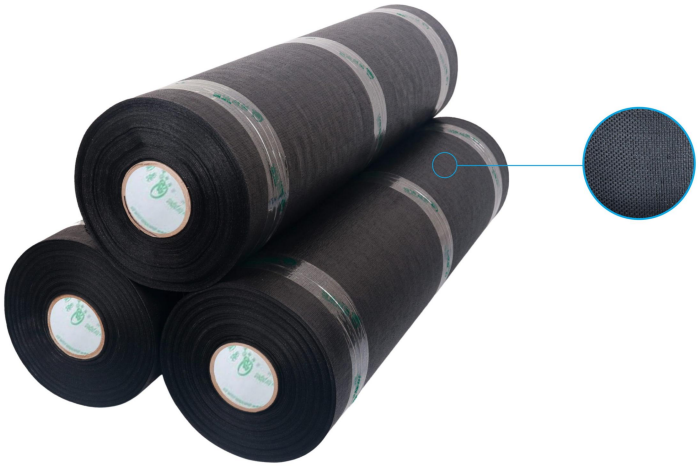
PP Fiber Geotextile

Non-viscous outer layer coating



Features

- UV resistance
- High water permeability
- Normal cathodic protection
- Quick and convenient installation

Non-sticky Outer Wrap PP Fiber Geotextile is a strong woven geotextile fabric made of polyolefin (PP). It serves as additional mechanical protection for underground coated objects.

Description

Our PP fiber geotextile is a high-performance geotextile specifically designed for underground engineering applications. It primarily protects underground coating structures from mechanical damage (such as impacts and dents) and plant root intrusion. Its high permeability ensures free water flow without adversely affecting the cathodic protection system of buried steel structures. This material demonstrates exceptional performance in scenarios requiring long-term corrosion protection, including underground pipelines, storage tanks, and other environments. It is particularly suitable for complex underground conditions, providing an integrated solution for buried coated pipelines, fittings, and facilities.

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.

Project	Typical Value	Test Method
Thickness	0.20mm (7.87mil)	ASTM D1000
Weight	103g/m² (0.21lbs/sq.ft)	ISO 9864:1990
Warp and Weft Density	110 x 63	ISO 7211,3
Elongation Rate	50%	ASTM D4632
Water Permeability	10L/m².s	ISO 11058
Melting Point	165°C (329°F)	ISO 11357,3
Diameter of Inner Core	76mm (2.992in)	
Available Roll Size (width * length)	1 x 10m (3.28 x 32.81ft) Per m², to be specified by client.	
Color	black	

Application Instruction

The construction employs a wrapping method.

The PP geotextile is cut to dimensions matching the pipe diameter (perimeter + overlap 100mm/3.94in) or specific component requirements. During the wrapping process, joints are overlapped by at least 50mm (1.97in) to ensure continuity with the original coating. Sufficient tension is applied throughout the operation to maintain this continuity. Finally, tie straps are used to secure the wrapped material at intervals of 250mm (9.84in).

Friendly Reminder

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

For more technical inquiries, please visit our website.

Shandong Quanmin Plastic Co.,Ltd.

Website: https://www.anticorrosion-tape.com http://www.sdqmsj.com
E-mail: quanminact@aliyun.com
TEL: +86-0546-8740309
Address: Dongying, Shandong, China