



COATED YARN



mmp leads the way in pioneering advanced coating technologies for filament and staple fiber yarns. Our expertise spans the entire spectrum of yarn treatment, coating, and drying techniques, meticulously customized to complement subsequent processes and various yarn applications.

The process starts with selecting the yarn base, including natural fibers like cotton, synthetic fibers like polyester or polypropylene, or nylon, or blends. The chosen yarn is thoroughly cleaned to remove any dirt or impurities that could affect coating adhesion.

A suitable coating material is chosen based on the desired properties and functionalities of the yarn. It can be in liquid form, powder, or chemical compound, often with tailored additives for specific applications like UV inhibitors or flame retardants.

The prepared yarn is coated using dipping, spraying, or padding methods. It passes through rollers or guides for uniform coverage. After coating, the yarn is dried or cured to solidify and bond the coating to the fibers. This may involve heat, UV light, or chemical reactions.

After drying or curing, additional finishing processes may be applied to enhance the yarn's properties or aesthetics. This can include smoothing the surface, adding extra layers for durability, or sealing for environmental protection.

mmp's coated yarns elevate fabrics with water resistance and durability, spanning technical textiles, automotive, and industrial uses. From outdoor gear to Protective wear to home furnishings, our yarns offer safety, antimicrobial properties, and stain resistance. With yarn coating, each strand embodies durability, function, and style.

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