

## DREF SPINNING YARN

### Innovative Yarn with enhanced filtration.

**mmp** is one of the leading integrated companies dedicated to manufacturing filter cartridges from start to finish, ensuring the highest standards in technical specifications and the advantages of our high-absorption filtration yarn. Filtration yarn, manufactured with Austrian technology of Friction spinning or DREF spinning and crafted under experts, is more cost-effective and efficient than any other yarn in the industry.

**mmp** yarn is made from either polypropylene or polyester, providing different properties suited for filtration. Polypropylene is often chosen for its chemical resistance, while polyester offers durability. The yarn is produced using Dref Friction Spinning technology, a method that uses friction to create yarn. This technology ensures the yarn has specific characteristics suitable for filtration applications. The output is pure yarn that has 20-40% more air volume. The increased cross-section diameter of this DREF spun yarn can soak more water than usual yarns.

**mmp** is the solo producer of absorbent bleached FDA class 1 device medical grade cotton yarn for highly sophisticated filter cartridges and offers a top notch polypropylene yarn with high anti microbial properties along with the FDA polypropylene yarn with low / zero foaming characteristics.

**mmp** Filtration Yarn comes in counts ranging from 0.4 to 1.0 Ne, providing versatility in thickness. The yarn fibers have a denier ranging from 1.4 to 6, contributing to efficient filtration. Conveniently wound onto spools weighing 4.5 to 6.5 kilograms, it offers ease of handling for various filtration applications.

The liquid exhibits higher permeability when passing through filter cartridges crafted with **mmp's** DREF spun yarn. Consequently, the filter's dirt-holding capacity increases, reducing the likelihood of low pressure. This advantageous feature contributes to achieving optimal output in industries such as Oil and Gas, Pharmaceuticals, Chemicals, Food, and Dairy, as well as Energy/Power.

### USE OF PRODUCT IN VARIOUS INDUSTRIES



PETROLEUM



CHEMICAL



PHARMACEUTICALS



FOOD & DAIRY



METALLURGY



CEMENT



ENERGY

# DREF SPINNING YARN



## Technical Specification

Fiber	Beached Cotton, Raw Cotton, Polypropylene, Polyester
Spinning Technology	Dref friction spun yarn count of yarn: 0.4-1.0 Ne
Core Spun Yarn	Multifilament yarn in the core
Fiber Denier	1.4-6 Denier
Package Size	4.5-6.5 kg/spool

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