MINIFIBERS, INC.

Technical Data Sheet

HYTREL® ELASTOMERIC YARN
Multifilament POY/LOY

Description:	Hytrel® is a thermoplastic polyester elastomer that combines the most desirable characteristics of high performance elastomers and flexible plastics to provide resilience, flexibility, and durability.
Suggested Applications:	Stretch & recovery fabrics
Standard Filament Counts:	12, 24, 48, 96, 144 Others are available upon request; contact us to discuss your specific needs.
Standard Total Deniers:	250 and up
Breaking Tenacity:	The tenacity of POY/LOY is generally low; can be increased to meet requirements.
Elongation:	The elongation of POY/LOY is typically high; can be reduced to meet requirements.
Effect of Heat:	Good retention of mechanical properties at elevated temperatures. Melts at ~424°F / ~218°C.
Chemical Resistance:	Resists deterioration from many industrial chemicals, oils, and solvents.
UV Resistance:	Our Hytrel® yarn is extruded with a stabilizer additive to improve its resistance to UV light.
Durability:	Hytrel® flexes and recovers, providing improved flex fatigue resistance, hysteresis, and creep resistance.
Packaging:	Yarn is packaged on paperboard tubes (bobbins) and placed in a palletized corrugated box.

Hytrel® is a registered trademark of Celanese Corporation.

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