



ABRASION/MECHANICAL

Expando® 686DM

Product Highlights

- Operating temperature from -70°C to +200°C (-94°F to +392°F)
- Outstanding abrasion protection
- VW-1 acc. to UL 1441
- FAR Part 25
- Halogen-free
- Low toxicity, smoke generation and offgassing
- Does not trap heat or humidity
- Rot-free
- Expandable design accommodates a variety of sizes



Our manufacturing sites are certified ISO 9000, QS 9000 or ISO/TS 16949 and ISO 14001

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Expando® 686DM is an expandable oversleeve designed for mechanical protection in temperature extremes and hostile environmental conditions. Rated to +200°C (+392°F), Expando 686DM meets VW-1 and FAR Part 25 flammability requirements.

Featuring a dual monofilament construction, Expando 686DM blends larger PEEK (polyetheretherketone) guard strands with PPS (polyphenylene sulfide) support strands. The inherent properties of the raw materials give Expando 686DM low levels of flammability, toxicity, smoke generation and hard vacuum offgassing.

Expando 686DM is widely used in the aerospace industry for its outstanding properties in extreme environments. This product should be considered for aircraft, space, military, marine, and hostile-environment applications.

Expando® products are tough, lightweight oversleeves used to protect cable assemblies, hoses and wire harnesses from chafing, cutting and abrading. The braided construction of Expando products enables each size to expand to fit several application shapes and diameters. This open textile construction also makes them highly flexible and resistant to trapping water, heat and humidity.

BentleyHarris®
Protection Products