



THERMAL MANAGEMENT

Textalu® 1202

Product Highlights

- Operating Temperature from -50°C (-58°F) to +225°C (-58°F to +437°F)
- Slightly expandable tubular sleeve
- Excellent thermal protection
- Fiberglass construction withstands temperatures to +550°C (+1022°F)
- Non flammable
- Conforms well to various profiles
- High flexibility
- Fray Resistant
- No skin irritation

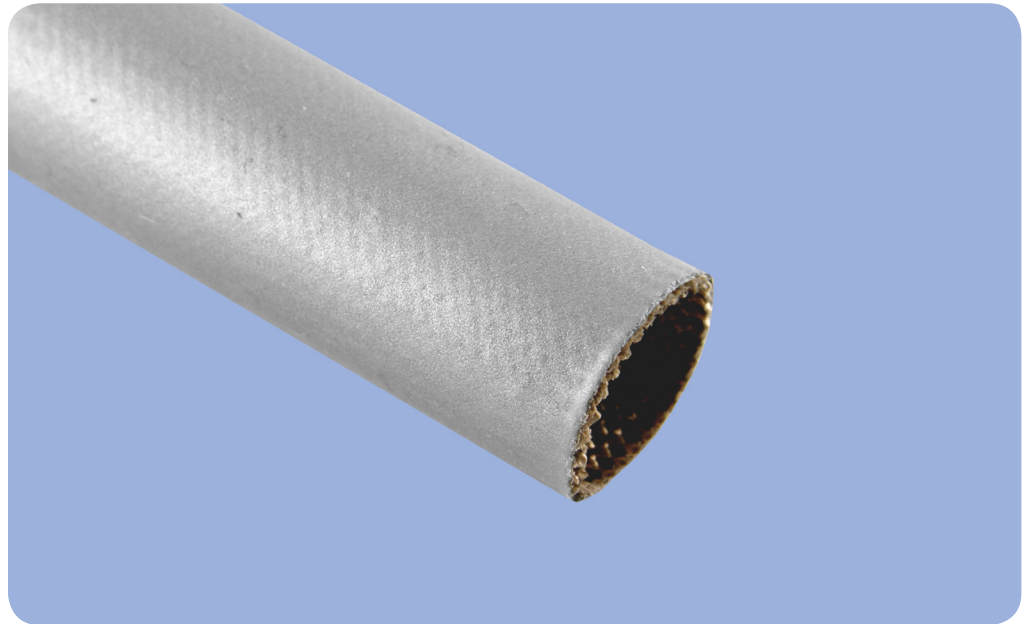
Typical Applications

- Wire Harnesses
- Electrical Cables
- Sensor Wirings
- Control Cables
- Tubings



Our manufacturing sites are certified ISO 9001, ISO/TS 16949, or AS/EN 9100, and ISO 14001

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Textalu® 1202 is an insulative fiberglass sleeving with a heavy aluminum coating designed to protect components in high temperature areas. It provides superior insulation to components that must maintain stable temperatures to assure performance efficiency.

Textalu 1202 is used on wire harnesses, sensor control wiring and cable assemblies in close proximity to engines and exhaust systems. Due to its elastic structure, Textalu 1202 conforms well to the variable profiles of the components it protects. Its braided construction allows good flexibility in temperatures as low as -50°C (-58°F).

The infra-red emissivity rating of Textalu 1202 heavy aluminum coating, combined with its fiberglass braid, ensures temperature stability inside the Textalu sleeving despite frequent external temperature fluctuations due to radiant heat.

BentleyHarris®
Protection Products

Performance Data – Textalu® 1202

Property	Test Method	Result
Temperature Rating	240 hours at +250°C (+225°C rating)	Pass +225°C (+437°F) Neither any visible degradation or loss of flexibility Shrinkage <10%
Flammability	FMVSS 302 D45 1333	Pass Self extinguishing – Type B
Low Temperature Flexibility	BH100-016A	Pass -50°C (-58°F)
Fluid Resistance	D47 1924	No visible degradation or alteration after being exposed to the following test cycles: <ul style="list-style-type: none"> • Immersion for 15s at +23°C, followed by a drying period of: <ul style="list-style-type: none"> – 24h at +150°C: motor oil, automatic transmission fluid, manual transmission oil. – 24h at +23°C: zinc chloride, brake fluid. • Immersion for 48h at +70°C, followed by a drying period of: <ul style="list-style-type: none"> – 24h at +23°C: Urea of clean up Ad blue. • Immersion for 24h: <ul style="list-style-type: none"> – At +40°C, followed by a drying period of 4h at +23°C: for gazole, unloaded petrol 98, Std fuel C + 15% methanol, E85 bio ethanol. – At +70°C, followed by a drying period of 4h at +23°C, for windscreen washer. – At +118°C, followed by a drying period of 4h at +23°C, for engine coolant.

All numeric performance data shows average or typical values. Please consult your sales representative for product drawings, test reports and OEM approvals.

Standard Sizes

Commercial Product Name	Wall Thickness mm (in)	Standard Packaging m (ft)
Textalu 1202 5/55	0.55 (0.022")	400 (1310)
Textalu 1202 7-8/-	0.65 (0.026")	150 (490)
Textalu 1202 8-8/-	0.65 (0.026")	150 (490)
Textalu 1202 9-8/-	0.75 (0.030")	150 (490)
Textalu 1202 10-8/-	0.75 (0.030")	150 (490)
Textalu 1202 12-8/-	0.75 (0.030")	150 (490)
Textalu 1202 15-8/-	0.75 (0.030")	75 (240)
Textalu 1202 17-8/-	1 (0.039")	50 (160)
Textalu 1202 18-8/-	1 (0.039")	50 (160)
Textalu 1202 20-8/-	1.5 (0.059")	50 (160)
Textalu 1202 22-8/-	1.5 (0.059")	50 (160)
Textalu 1202 24-8/-	1.9 (0.075")	50 (160)
Textalu 1202 28-8/-	2.0 (0.079")	25 (80)

* These are minimum diameters. All tolerances are positive.

Availability

Textalu 1202 is available in a range of sizes and cut to your specification. Color is aluminum (silver). Please contact your sales representative for availability.

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