NEWTEX

PERFORMANCE MATERIALS

HIGH TEMPERATURE ROPES

Newtex offers a specialized line of braided and twisted ropes designed for high temperature packing and sealing applications involving hot air, steam, water, fluids, or gases. Our ropes are conformable and durable, resistant to most acids and alkalis, and will not shrink, stretch, or unravel. In addition to the products described below, we can also manufacture custom ropes for large orders. All of our ropes are asbestos-free and manufactured in the United States at our Victor, New York facility.

Common Applications: Furnace Door Insulation and Seals, Coke Oven Door Seals, Expansion Joint Packing, Hot Top Seals, Mold Seals, Tube Seals, High Temperature Joint Packing, Bulb Material for Tadpole Tape

Zetex® Ropes

High Temperature Ropes for Packing & Sealing

Zetex® twisted ropes are conformable and economical. They are commonly used for sealing boilers and oven and furnace doors, including those with uneven surfaces. Zetex® braided ropes are stronger, denser, smoother, and more stable than Zetex® twisted ropes. They are used in packing applications that require greater resistance to compression and mechanical wear. Zetex® twisted and braided ropes can both withstand operating temperatures up to 1000°F (540°C) and peak temperatures up to 1300°F (700°C).

ZetexPlus® Coating

Vermiculite Treatment for Added Temperature Resistance

Any Zetex® rope can be treated with our proprietary ZetexPlus® vermiculite coating for additional temperature and abrasion resistance. The coating works to dissipate heat across the surface of the rope so that it can withstand operating temperatures up to 1300°F (700°C) and peak temperatures up to 1500°F (815°C). The ZetexPlus® coating also improves the abrasion resistance of the rope.

Item Number	Style	Diameter		Length	
		inches	cm	feet	meters
1300015	Zetex 0.25” Twist	0.250	0.64	1250	381.0
1300017	Zetex 0.50” Twist	0.500	1.27	500	152.4
1300019	Zetex 0.75” Twist	0.750	1.91	150	45.7
1300021	Zetex 1.00” Twist	1.000	2.54	100	30.5
1300002	Zetex 0.375” Braid	0.375	0.95	500	152.4
1300003	Zetex 0.50” Braid	0.500	1.27	500	152.4
1300005	Zetex 0.75” Braid	0.750	1.91	200	61.0
1300007	Zetex 1.0” Braid	1.000	2.54	100	30.5

NEWTEX

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For nearly 40 years, Newtex has been a pioneer and leading global producer of high temperature materials and engineered solutions for thermal management and fire protection. Headquartered in Rochester, New York, Newtex is an ISO 9001:2015 certified, vertically integrated manufacturer of an impressive portfolio of textiles and fabricated systems for insulation and fire containment. Globally recognized textile brands include ZetexPlus®, Z-Flex®, and Z-Block™. Newtex is a minority owned, veteran-managed business that has served the US Military and leading global industries since 1978. Newtex products are proudly made in the USA.

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