

# CeraMaterials™

Graphite & Ceramic Insulation, CFC, Moly & Alumina

## Carbon Cordage (Braided)



- Braided carbon cords come in a variety of sizes in a braided structure.
- Typically, the cords are comprised of 4,000 to 36,000 individual filaments in a braided structure.
- Excellent thermal stability: Max service temp of 400°C (oxidizing) & 2400°C (vacuum).
- Chemically inert to most chemicals from pH 0 to 14 (except strong oxidizers like nitric or sulphuric acids)
- For use in sewing carbon or graphite felts in vacuum or inert atmosphere furnaces or pump packing.
- In stock for immediate delivery

Typical Properties	4K cord	12K cord	18K Cord	24K Cord	36 K Cord
Diameter - Inches - (mm)	.025 (.64)	.034 - (.86)	.060 - (1.52)	.075 - (1.90)	.079 - (2.01)
Yield - yds/lb - (m/kg)	1700 - (3425)	540 - (1088)	400 - (806)	275 - (554)	192 - (386)
Breaking Strength^ lbs Force - (Newtons)	35- (156)	90 - (400)	120 - (535)	165 - (735)	232 - (1035)
Knot Breaking Strength^ lbs Force - (Newtons)	11 - (49)	43 - (191)	60 - (267)	82 - (365)	110 - (490)
Minimum Order yds	150	150	150	150	150
Elongation %	0.7	2.5	2.5	5.7	1.14
Carbon Content, %	95	95	95	95	95

<b>Pricing</b> (150 meter (492 feet) per spool)	<b>\$140</b>	<b>\$145</b>	<b>\$150</b>	<b>\$100</b>	<b>\$130</b> (125 m/spool)
--	--------------	--------------	--------------	--------------	-------------------------------