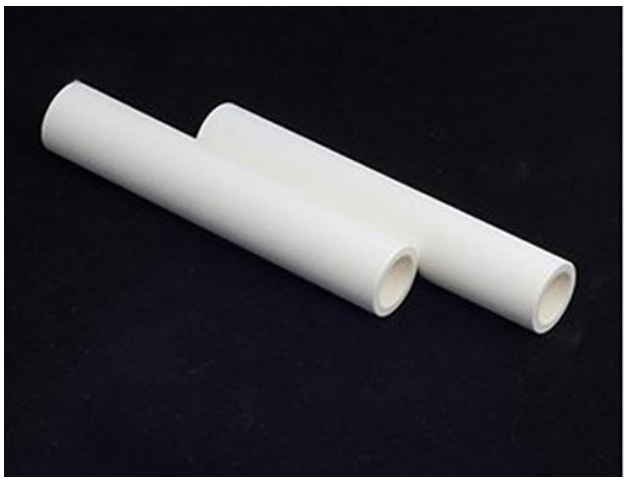
Boron Nitride Tube

Nextgen Advanced Materials provides standard products & tailor-made products for boron nitride tubes. Boron nitride tubes could be connected together to make longer boron nitride tubes, with flat or threaded joint presented below.Nextgen Advanced Materials supplies boron nitride tubes with high quality and fast delivery. Customization is available too.

Product Description

You can rest assured to buy Nextgen Boron Nitride Tube from our factory. wish to be a long-term partner with you. Constant training and education enables us to stay on top of industry trends， so we can offer top notch services every time you need us. Boron nitride, or BN, is a chemical compound with equal numbers of boron and nitrogen atoms. The hexagonal boron nitride (HBN) corresponding to “white graphite" is the softest and most stable form among BN polymorphs, and is therefore used as lubricant and an additive to cosmetic products. The cubic (CBN) variety analogous to diamond has high hardness which is inferior only to diamond. The rare wurtzite BN (WBN) modification is similar to lonsdaleite, and it may even be harder than CBN.

Boron nitride tubes could be connected together to make longer boron nitride tubes, with flat or threaded joint.



Boron Nitride Tube Available Materials、

Material	Description	Availability
BN99	Hot pressed at high temperature (1900℃).	Machinable Blanks

	Excellent corrosion resistance and thermal conductivity. Limited wear resistance	Finished Parts
	Self-bonded and high purity(>99%)	
BNBO	General purpose material Bonded by boric oxide	Finished Parts
BNCB	Calcium borate bonded boron nitride Enhanced moisture resistance	Finished Parts
BN60	BN 60%, SiO2 40%	Finished Parts
BN40	BN 40%, SiO2 60%	Finished Parts
ZSBN	BN-45%, Zr2O3 45%	Finished Parts

Boron Nitride Tube Properties

Compound Formula	BN
Molecular Weight	24.82
Appearance	White
Melting Point	2973°C
Density	2.1 g/cm3(h-BN); 3.45 g/cm3(c-BN)
Solubility in H2O	Insoluble
Refractive Index	1.8 (h-BN); 2.1 (c-BN)
Electrical Resistivity	13 to 15 10x Ω-m