

Product portfolio



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FutureCarbon's product portfolio divides into three groups – in addition to standard products we offer customized products plus services for purifying and treating third-party materials.

Standard Products

Product	Outline	How delivered	Material class
CarboBlend	Duroplastic/thermoplastic CNT powder mixtures	Powder	CNT
CarboBond	Antistatic adhesives based on epoxy resin	Dispersion	CNX / Graphite
CarboCat	Platinized (20 and 30 weight %) carbon nanoparticles for catalytic applications	Powder	CNX
CarboCond	Electrically conductive epoxy resins ($10^2 - 10^7 \Omega \cdot \text{cm}$) for cold, warm and hot hardening	Dispersion	CNX / Graphite
CarboDis	Aqueous CNT dispersions different stability	Dispersion	CNT
Carbo e-Therm	Highly conductive coating systems for heating applications	Dispersion	CNX / Graphite
CarboFlex	Antistatic silicone resins	Dispersion	CNX / Graphite
CarboGran	Simply dispersed CNT granulate	Granulate	CNT
CarboImpreg	Conductive impregnation for electrical heating of absorptive surfaces	Dispersion	CNX / Graphite
CarboLube	High-performance lubricant containing graphite	Dispersion	Graphite
CarboShield	Coating system as protection against electromagnetic radiation	Dispersion	CNX / Graphite

Custom products

In addition to its standard products FutureCarbon offers customized products for a variety of purposes. We work precisely to the customer's requirements, delivering the specified product in the required quantities.

- Electrically conductive epoxy resin dispersions with CNX/graphites
- Water based dispersions with CNX/graphites

- Solvent based dispersions with CNX/graphites
- Special dispersions with CNX/graphites (e.g. in softening agents, oils)
- Metalized CNX (e.g. Pt, Pd, Cu, Fe)
- Special graphites
- Cyanate ester resin dispersions with CNX/graphites
- Functionalized CNX/graphites
- Dispersions with CNX/silicones

Services

FutureCarbon also offers the following services:

- Purification of CNX/graphites (removal of metallic catalysts)
- Functionalization of CNX/graphites

- Refinement of a large variety of polymers, solvents, etc (influencing electrical, mechanical or thermal properties of substances) with CNX/graphites

CNT – carbon nanotubes, CNF - carbon nanofibers
CNX – collective term for CNT and CNF

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