

Materials for Wireless Power Transfer

TODA KOGYO Group provides a variety of magnetic materials used in coil unit of VA (Vehicle Assembly) and GA (Ground Assembly) for WPT (Wireless Power Transfer) of EV. These materials contribute to improve the power transfer efficiency.

Ferrite plate

Flexible Mn-Zn ferrite plate



(1.0-2.0mm thick ferrite plate laminated with PET film)

Magnetic adhesive

Epoxy-based magnetic adhesive



Under development



(Improvement of magnetic properties by filling gap of magnetic materials)

Ferrite tile

Mn-Zn ferrite tile



(1.0-5.0mm thick ferrite tile)



Ferrite magnetic sheet

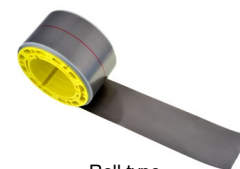
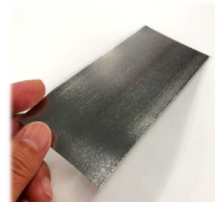
Flexible ferrite sheet [FLX series]



(0.05-0.3mm thick ferrite sheet laminated with PET film)

Metal magnetic sheet

Nanocrystalline sheet [NS series]



Roll type

