

Flex Suppressor Catalog:  
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**NEC TOKIN America Inc.**

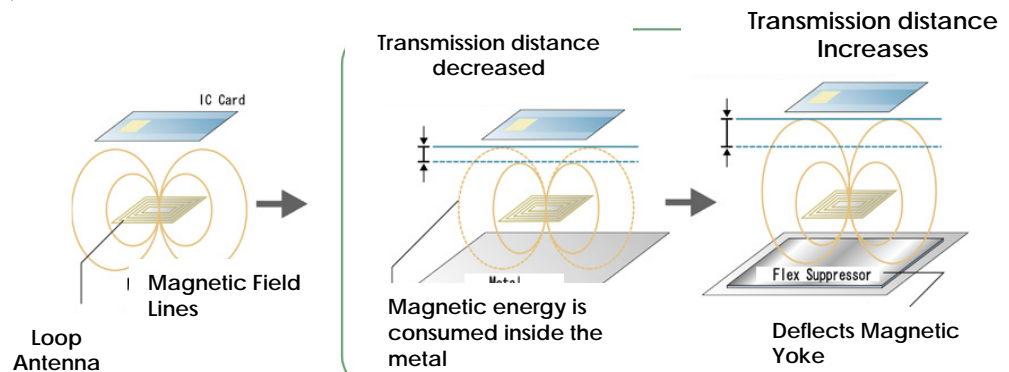
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## Expand Your (RFID) Horizons!

*Our "BD" Flex Suppressor improves RF Communication Distances by Suppressing the interference between a Loop Antenna and a tag*

**Material & Construction**

BD material is composed of ferromagnetic particles that restore a lost signal due to nearby metals absorbing energy. It's tuned to 13.56 MHz and is most effective when it is placed as close as possible to a Loop Antenna.



BD "RFID" Flex Suppressor	
Frequency	13.56 MHz and Below
Thickness	0.25mm
Operating Temperature	-25°C to +85°C
Surface Resistance (Ω)	1.0 x 10 <sup>4</sup> (Min)
Tensile Strength	6.0 Mpa (min)
Specific Gravity (23°C atmosphere)	3.9 (typ)
Environmental	RoHS Compliant, PVC & Lead Free
Approvals	UL94V-0, UL File# E176124
Relative Magnetic Permeability (@ 1MHz)	32 (typ)

NEC/TOKIN America complies with Japan's Export Trade Control Order and with company internal restrictions. Therefore, we will decline inquiries for applications in the following areas:  
 - Critical system operation of medical, automotive, marine and aerial devices.  
 - Military devices, weapons development and non-peaceful operations.