

FLEX-SUPPRESSOR®

For RFID

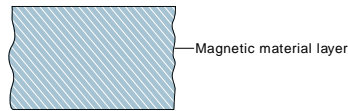


Outline

- Increased magnetic flux convergence effect by improving relative magnetic permeability (μ') while maintaining magnetic loss (μ'').
- This model improves the RFID communication distance by suppressing the interference between loop antenna and metal in proximity. (Effective carrier frequency: 13.56MHz and below)
- UL94V-0 flame resistant.

Structural Diagram

● Single layer

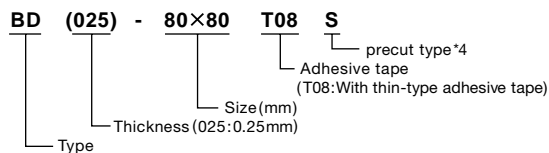


Specifications *1

Features		Standard specifications
Type		BD
Structure		Single layer
Effective carrier frequency		13.56MHz and below
Operating temperature (°C)		-25 to +85
Thickness (mm)		0.25
Dimensions	Standard (mm)	80 × 80
	Maximum (mm)	400 × 160
Specific gravity *2		3.9 (typ.)
Tensile strength (Mpa)		6.0 (min.)
Surface resistance (Ω)		1.0 × 10 ⁴ (min.)
Approved standard		UL94 V-0 UL File No.E176124
Environment	RoHS	Compliant
	Others	PVC Free, Lead Free
Relative magnetic permeability (at 1MHz)		32 (typ.)
Remarks		standard type for RFID

*1 Above specifications are for Flex-suppressor® alone. (adhesives and etc. not included) *2 Value in 23°C atmosphere

Classification *3



*3 Please contact local sales representative for detailed specification.
 *4 Flex-suppressor and adhesive layer are being cut into designated form but the release paper below is left uncut for handling convenience.

Application Example

