

series8.2



Premier Performance:

Every Series 8.2 Label is manufactured to the following specifications:

- **Resonance Frequency** 8.2MHz (\pm)328kHz
- **Signal Output *** Q > 65
- **Deactivation Field Strength *** 0.9A/m – 1.5A/m
- **Operating Distance *** Up to 1.5m (5ft) in Tx/Rx Gate System

Premier Quality:

- **Paper Density:** 90 g/m² (2.66oz/yd²), reinforced paper is utilized
- **Adhesive:** Self Adhesive is Permanent Base Solvent, a form of Hot Melt adhesive, one of the most aggressive self adhesives available.
- **Quality Control:** Series 8.2 undergoes 100% inspection to ensure 100% (-1%) detection performance. The inspection is carried out manually or via state-of-the-art automatic test machines. ISO standardized sample testing is used to inspect and deliver quality levels for deactivation performance and mechanical defects for all roll formats.
- **ISO 9001 Certification:** The production facility is certified as ISO 9001:2000 for “Design and Manufacture of EAS radio frequency electronic anti-theft labels”. The certificate is valid from 5 August 2005.
- **RoHS Certification:** The production facility is also awarded the Certificate of Conformity for RoHS Product for “RF, EAS Radio Frequency Electronic Anti-theft Label”. This certificate fulfills the requirement of the RoHS Directive: 2002/95/EC. Date of issue is 16 August 2005.

*The 300, 304, and 500 Class sizes of the **Series 8.2** Labels are exceptions to these specifications. Due to their smaller or larger antenna dimensions, these labels are produced to the following specifications:

300 Class	Signal Output	Q > 60	Operating Distance	Up to 1.2m (4ft)
			Deactivation Field Strength	0.6A/m – 0.9A/m
304 Class	Signal Output	Q > 60	Operating Distance	Up to 1.2m (4ft)
500 Class	Signal Output	Q > 75	Operating Distance	Up to 1.7m (5.5ft)

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