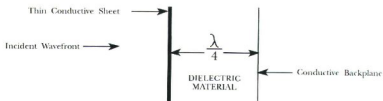




TECHNICAL DATA SHEET ARC-SS SERIES

ARC Technologies manufactures a thin, flexible, resonant-tuned, lightweight foam absorber. By closely controlling the dielectric properties, maximum absorption can be attained at specified frequencies. The ARC-SS series, (also known as Salisbury Screen), is based on the quarter wavelength absorption principle. This principle assures effective cancellation of the incident wave at the front of the absorber.



ARC-SS Series cross sectional diagram.

ARC-SS SERIES SPECIFICATIONS

- DESCRIPTION:** Thin, resonant-tuned, foam absorber.
- REFLECTIVITY:** -20 DB minimum at design frequency.
- SIZE:** 18" x 36" standard; custom sizes available.
- TEMP. RANGE:** -60 to +300 F. (-51 to +149 C.).

FREQUENCY:	THICKNESS:	WEIGHT:
1.00 - 3.95 Ghz	.500" to 2.00"	3 to 7 oz. / sq. ft.
3.95 - 8.20 Ghz	.250" to .500"	2.75 oz. / sq. ft.
8.20 - 12.4 Ghz	.187" to .250"	2.25 oz. / sq. ft.
12.4 - 18.0 Ghz	.062" to .187"	1.75 oz. / sq. ft.