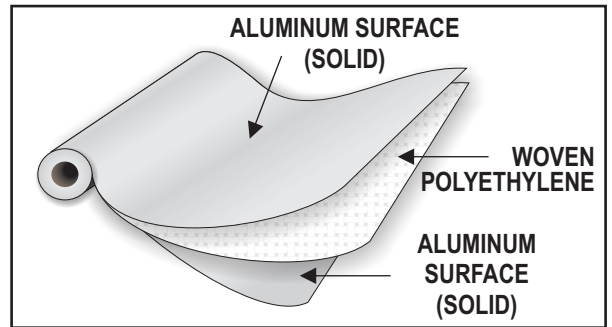


Product Description:

rFOIL® Ultra NT Radiant Barrier is a heavy duty radiant barrier sheet made up of a single layer of woven polyethylene material bonded to and sandwiched between two highly reflective aluminum surfaces.

Ultra NT Radiant Barrier is designed to be used in Sensitive Compartmented Information Facilities (SCIF's). In addition to being a highly effective radiant barrier, Ultra NT solid is also an approved vapor barrier.



Stock Sizes Available (Rolls):

| | |
|----------|---------------------------|
| Size | 48" X 125' (solid) |
| Part No. | 1800-48-125S |

Features:

- **Minimum Shielding Effectiveness (100MHz – 10GHz): 85 dB**
- Highly reflective radiant barrier surface
- Thermal performance unaffected by moisture
- Durable and flexible woven polyethylene base
- Reflects 97% of Radiant Heat
- Unrolls and cuts easily
- Increases sound attenuation for SCIF's

Applications:

- Sensitive Compartmented Information Facilities (SCIF's)

| Physical Properties | Test | Value |
|--------------------------|----------------|-----------------------------|
| EMISSIVITY | ASTM C1371-04A | 0.03 |
| REFLECTIVITY | — | 0.97 |
| CORROSIVENESS | ASTM D3310-00 | PASSES |
| FIRE RATING | ASTM E84-09 | CLASS 2 / CLASS B |
| BLEEDING & DELAMINATION | ASTM C1313-05 | No Bleeding or Delamination |
| PLIABILITY | ASTM C1313-05 | No Cracking or Delamination |
| TEAR RESISTANCE | ASTM D2261 | Length 14.93 / Width 15.13 |
| WATER VAPOR PERMEABILITY | ASTM E96-05 | 0.01 Perms |
| RESISTANCE TO FUNGI | ASTM C1338-08 | PASSES |
| SHIELDING EFFECTIVENESS | IEEE-299:1997 | (100MHz - 10GHz) : 85 dB |

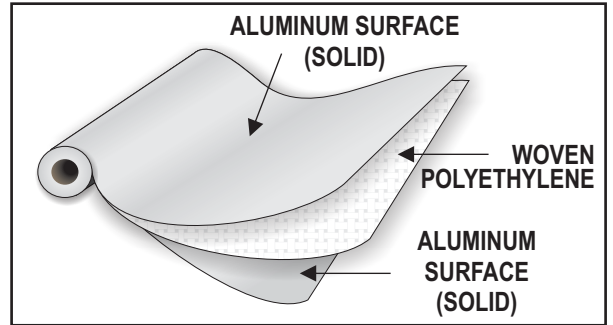


279 Humberline Drive Etobicoke, ON M9W 5T6
 Call Toll Free: 1-800-837-8961 Local: 416-798-1340
 Fax: 416-798-1342 Email: sales@rfoil.com
Visit our Website: www.rfoil.com



Application Notes:

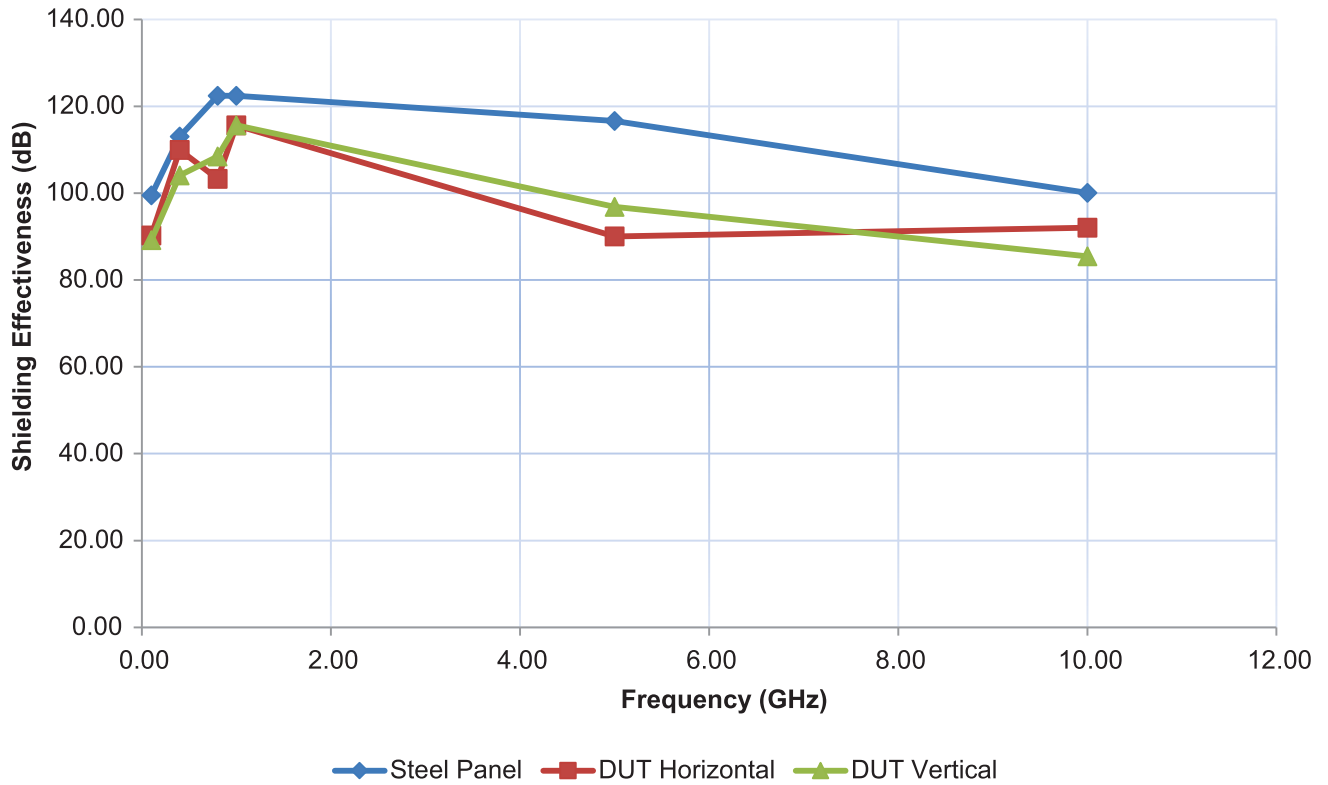
The Architectural Specifications for any particular job shall override the information presented on this Technical Data Sheet with regards to the appropriate products to use and the appropriate installation method to use for that particular job.



Shielding Effectiveness - Test Standard IEEE-299 / ASTM D4935

Test results for Ultra NT Radiant Barrier 1800-48-125S (solid product only)

Shielding Effectiveness Summary



TECHNICAL DATA



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