

pressrelease
pressemitteilung



Shield 01/2009
Topic – Innovative specialtextile SR-Shield

SR-Shield

Textile protection against electromagnetic radiation

The shielding material SR-Shield RS1 presents an extreme high shielding effectiveness to linear polarized electromagnetic waves and circular polarized waves. The range of application of SR Shield: Protective Clothing, Military, Medical Shielding, Cellular Phone / Shielding, Electromagnetic Pollution.

The shielding material SR-Shield RS1 presents an extreme high shielding effectiveness to linear polarized electromagnetic waves and circular polarized waves. Following table presents a quick overview of the shielding effectiveness at different frequencies in the UHF- and SHF-range.

The results found during the measurements of the SR-Shielding RS1 depended on the thickness of the fabric, the thickness of the threads used and the thickness of the metallic coating of the material. The shielding material SR-Shield RS1 also provides an extreme high shielding effectiveness after dry cleaning. More than 50 db shielding means a reduction of the power flux density of 99,999%. Only 0,001% of power will penetrate the item.

SR-Shield

SR-Shield – Textile protection against electromagnetic radiation



Protection against electromagnetic radiation



Protective clothing

Graphical material available on request, text material on www.sr-webatex.de/press