



VERMILLION INCORPORATED

CERTIFIED TO ISO 9001

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FREQUENCY

DC - 30 Hz	30 Hz - 300 Hz	300 Hz - 3 KHz	3 KHz - 30 KHz	30 KHz-300 KHz	300KHz - 3 MHz	3 MHz - 30 MHz	30 MHz-300 MHz	300 MHz - 3 GHz	3 GHz - 30 GHz	30 GHz-300 GHz
RF										

LF	HF					EHF				
H FIELD PREDOMINANT			E FIELD PREDOMINANT					MICROWAVE FIELD PREDOMINANT		

SHIELDING MATERIALS

FEATURES

Vermalloy® 622	✓	✓	✓	✓	✓							High Permeability Standard Weight MIL-N-14411	
Vermalloy® 3948	✓	✓	✓	✓	✓							High Permeability Light Weight M27500 Style I	
Nickel Coated Copper ASTM B 255		✓	✓	✓	✓	✓						Low Permeability Medium Conductivity	Standard Weight M27500 Style P
Tin Coated Copper ASTM B 33			✓	✓	✓	✓	✓					High Conductivity Standard Weight M27500 Style T	
Ribbon Copper (Flat) ASTM B 272			✓	✓	✓	✓	✓					High Conductivity Light Weight M27500 Style J	
Silver Coated Copper ASTM B 298				✓	✓	✓	✓	✓				Extra High Conductivity Standard Weight M27500 Style H	
Aracon®			✓	✓	✓	✓	✓	✓	✓	✓		High Conductivity Extremely Flexible & Light Weight	
Tin Coated Copper Vermalloy® 622	✓	✓	✓	✓	✓	✓	✓					Small Loop Area Standard Weight Increased Bandwidth	
Silver Coated Copper Vermalloy® 622	✓	✓	✓	✓	✓	✓	✓					Small Loop Area Standard Weight Increased Bandwidth	
Aracon® Vermalloy® 622	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		Small Loop Area Lighter Weight & Flexible Increased Bandwidth	
Ribbon Copper (Flat) Vermalloy® 3948	✓	✓	✓	✓	✓	✓	✓					Light Weight Increased Bandwidth	
Ferrite Tubing							✓	✓	✓	✓		Low Permeability Light Weight Microwave Suppressor	
Ribbon Copper (Flat) Vermalloy® 3948 Ferrite Loaded Dielectric	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		Light Weight Broad Bandwidth	