

SHIELDING PLASTIC FILMS



VELOSTAT® by 3M

It's plain black, shiny and big. Velostat is a very low cost extra wide conductive plastic sheet for electric field shielding. Carbon impregnated black polyethylene film.

Volume resistivity is <math><500\text{ Ohms/cm}</math> which makes this a good conductor for a plastic. Conductivity is not affected by humidity or aging. Ground cords can be attached with a simple alligator clip. Use it to line walls, windows, or under your mattress. Great for wrapping lamp, telephone and computer cords too! 36 inches wide. 4 mil thick.

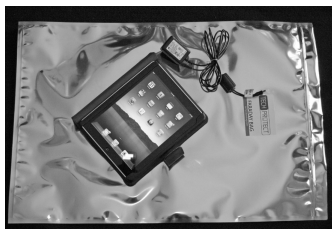
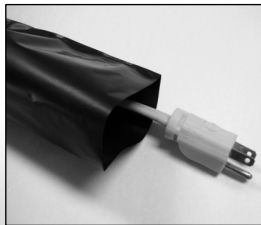
Velostat® Film (Cat. #Q1234) \$1.95/lin ft
Full roll (150 ft) (Cat. #Q1234-roll) \$215.00 per roll



CONDUCTIVE TUBING *Low Cost E-Field Shielding*

Composed of electrically conductive black polyethylene (similar to Velostat) and great for shielding electrical cords. It's easy to slide any electrical cord (even fits those giant dryer plugs!) through this 4" wide (when flat) sleeve without having to remove the plug from the end of the cord. Only 4 mil thick, it won't hold up to tearing, heat or abuse, but it will do a great job on the lamp cord by your bed, the air conditioner cord, or even cables in your car. Electric field shielding. Surface resistivity <math><10^4\ \Omega/\text{sq}</math>.

Conductive Tubing (Cat. #Q1211) \$1.15 per lin ft
Full roll (750 ft) (Cat. #Q1211-roll) \$199.00 per roll



EMP FARADAY BAG

Prevents The Passage Of Electric Charge, Microwaves, And Moisture In Or Out!

EMP Faraday Bags are designed to protect against damaging EMP current, static discharge, microwave transmission, RFID snooping and moisture damage. Protect your sensitive electronics (laptops, cellphones, iPads etc), precious memories (flash drives, floppy disks, tape recordings, etc) homeopathic remedies & medications, passports, credit cards and other devices

from damage and spying. Could make all the difference if there is an EMP event or solar flare. Opening can be heat-sealed with a hot iron for security reasons or long term storage. Manufacturer recommends that you double bag for best results.

The Small **6x8"** bag is perfect for your cell phones, ipods, MP3, thumbdrives, GPS and smaller cameras. Large **16x18"** bag is perfect for your laptop, gaming systems, radios and extra accessories. Features an outstanding 38-pound puncture resistance. Tough 7 mil thick. The multiple layer construction provides full protection against ESD, EMI/RFI and tribocharging. Because its moisture barrier performance exceeds foil laminates, particularly after flexing, whatever you place in the bag and seal properly is going to stay dry also! *Does not provide magnetic shielding.*

*EMI Shielding (MIL-B-81705-Rev-C): >40 db Between 1 & 10 GHz

*Resistivity-Conductive Metal Layer (ASTM D-257): <math><2\text{ Ohms/sq}</math>

*Surface Resistivity (both surfaces) (ASTM I-257 @ 12% RH): <math><10^{12}\text{ Ohms/sq}</math>

*Static Decay (FTMS 101C, Method 4046.1 5000 to 0 Volts): <math><0.05\text{ Seconds}</math>

Small 6x8": (Cat. #Q264S) ... \$6.95

Large 16x18": (Cat. #Q264L) ... \$15.95

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