



Pothood Shields



Application

Westinghouse Pothead Shields are filament wound tubes designed to protect high potential ceramic insulators (potheads) from vandalism. In addition, these shields will contain fragments in the event of pothead explosion.

Features – Benefits

High Mechanical Strength: Westinghouse Micarta® filament-wound tubing provides the necessary mechanical strength to protect against most types of vandalism. Flying bricks, rocks from slingshots and even 22-caliber rifle bullets are no match for this super-tough shield as proven in actual tests and usage on utility substations.

Excellent Electrical Properties: Westinghouse Micarta Pothead Shields are made from glass filaments and resins noted for their electrical insulation values along with their excellent mechanical strength. The pothead shields shown in the accompanying photo of one of several Niagara Mohawk installations are 48" in diameter x 60" in length with a 1/4" wall. Niagara Mohawk has used this particular size shield in substations up to and including 115 KV without experiencing any electrical breakdowns attributable to the shield. Larger diameters can be used where higher voltages are required and space limitations permit.

Economy: Micarta Pothead Shields have been proven to be the least costly method of protecting the expensive, vulnerable pothead from damage, while shielding passers-by from personal injury.

Flexibility: Diameter, length and wall thickness can be designed to meet your specific requirements.

