

STANDARD vs. SEMI-CONDUCTIVE GLAZED vs HYBRID INSULATORS

Which solution works best for you?

	Performance in polluted or coastal environments	Effectiveness in preventing Dry band arcing (flashovers)	Breakage resistance (vandalism, mishandling)	Lifetime maintenance cost	Cost	Mechanical Rigidity and Compression Strength	Weight
Vanguard Electric Standard Porcelain Insulators	★★	★	★★	\$\$\$\$\$ Note 1	\$	★★★★★	KG KG KG KG KG
Vanguard Electric Semi-conductive Glazed Porcelain Insulators	★★★★	★★★★	★★	\$\$	\$\$\$\$	★★★★★	KG KG KG KG KG
Vanguard Electric Hybrid Insulators	★★★★★	★★★★★	★★★★★	\$	\$\$\$\$	★★★★★	KG KG KG
Polymer Insulators (Fiberglass core)	★★★★★	★★★★★	★★★★★	\$\$	\$\$\$	★	KG KG

Note 1: All Porcelain insulators operating in polluted or coastal environments need constant washing or RTV coating to prevent flashovers

HYBRID INSULATORS - RATINGS

Hybrid Insulators are custom designed and built to meet specific mechanical and electrical requirements. They are not a standard **stocked** product. Please contact Vanguard Electric for information on available designs or assistance with the development of a customized design for your requirements.

SEMI-CONDUCTIVE GLAZED INSULATORS - RATINGS

Please refer to our standard Post Type Insulator catalog available from our web page www.vanguardelec.com. Any standard ANSI C29.9 Post Type referenced in the catalog is available with SCG upon request. All special variations in leakage distance, strength, color, and bolt circles are also available with SCG.