

	Epoxy Fiberglass XW	PVC Sch 80	Galvanized Rigid Steel	PVC Coated Steel	Aluminum
Coefficient of Friction Using PVC Jacketed Cable Fiberglass conduit offers one of the lowest coefficient of friction available today for conduit systems. It is completely resistant to any of the current pulling lubricants corrosive properties.	0.38	0.90	0.55	0.55	0.25
Conductivity Fiberglass conduit acts as an excellent insulator.	No	No	Yes	Yes	Yes
UV Stable (w Resistance) (Per UL 1684 & CSA-C22.2 No. 211.3-96)	Good	Poor	Excellent	Poor	Excellent
Coefficient of Thermal Expansion (10 ⁻⁵ inch/inch/°F) *The coefficient is 3.5 for the PVC layer. Because of the broad difference between the two materials, adhesion is severely affected during temperature contraction and expansion.	1.0	3.5	0.7	3.5*	3.5
Distance Between Expansion Joints (ft)	200	50	200	200	50
Resistance to Rodents & Fire Ants Fiberglass conduit is extremely resistant to attack from rodents as well as to the aggressive chemicals secreted by fire ants.	Excellent	Poor	Excellent	Excellent	Excellent
Field Handling Due to its light weight, ease of cutting and integral bell, fiberglass conduit is very easy to install.	Excellent	Good	Very Poor	Very Poor	Poor
Memory Fiberglass conduit will retain its original shape after impact or compression.	Yes	No	No	No	No