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Heat Resisting PVC Equipment Wires

This range of equipment wires has been introduced because of the increasing demand for insulated wires to operate at temperatures beyond the normal range of PVC (-5°C to 70°C). The special grades of high temperature PVC used for the insulation meet the demands of operating temperatures up to 105°C and is resistant to a wide range of oils, impregnating varnishes, and chemical solutions.

Typical uses

This range of equipment wires are ideal for connections on motor-windings, transformers, and other components that undergo encapsulation, or other finishing and drying operations.

Conductor

Tinned annealed high conductivity copper wires to BS 6360

Insulation

High temperature PVC to BS 6746 Type 4. This grade of insulation material renders the equipment wire suitable for continuous operation at conductor temperatures not exceeding 85°C, however in installations where it is possible to guard against thermoplastic flow and where low values of insulation resistance can be tolerated the insulation material is suitable for operation at conductor temperatures up to 105°C, for periods up to five years

Ref	Conductor	Radial Thickness (Nom) mm	Overall Diameter (Nom) mm
EWHF			
07200	720.2	0.45	1.5
16200	1620.2	0.45	1.8
24200	2420.2	0.75	2.6
32200	3220.2	0.75	2.8
40200	4020.2	0.75	3.0
63200	6320.2	0.75	3.3