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SILICONE RUBBER COIL-END LEADS, TEST LEADS AND EQUIPMENT WIRES

Permanoid offer a wide choice of silicone rubber insulated wires and cables to meet more demanding environments. They are designed for use in elevated temperatures and wherever ozone, corona discharges, radiation, weathering and the adverse effects of oils, solvents or other chemicals are likely to be encountered.

Depending on the precise conditions of use (particularly the mechanical restraints imposed on the insulation), these products can be used at temperatures up to 180°C for extremely protracted periods. For somewhat shorter times they can be used at higher temperatures. Nevertheless, the silicone rubber insulation will retain flexibility down to -70°C.

Permanoid can also design and manufacture special cables embodying silicone rubber insulations with a wide range of other features to suit specific requirements.

Permanoid silicone rubber insulating sleeveings are also available in a wide range of sizes.

COIL END LEADS TO BS 6195 : 1993 Table 4 Type 5

A range of coil end lead wires for use in temperature conditions ranging from +180°C to -70°C and other hostile environments.

Uses: These wires are widely used in certain types of medical and electronic equipment and light engineering applications.

Conductor: Tinned annealed high conductivity copper wire.

Insulation: Silicone Rubber Type E12 150°C rating.

Insulation Colour: Black, Blue, Brown, Green and Red. Other colours and bi-colours available to order.

Packing: 100m reels.

Ref	Conductor		Insulation			
	Nominal Area mm ²	No. & Dia Of Wires No./mm	Nominal Thickness mm	Nominal Overall Dimension mm	Current Rating Amps At 20°C	Approx Net Weight Per 1000m kg
BSR29	0.22	7/0.20	0.8	2.2	1.5	7.30
BSR39	0.50	16/0.20	0.8	2.6	3.0	11.60
BSR49	0.75	24/0.20	0.8	2.8	6.0	14.60
BSR59	1.00	32/0.20	0.8	3.0	10.0	17.80
BSR67	1.50	30/0.25	0.8	3.2	15.0	22.60
BSR77	2.50	50/0.25	0.9	3.8	20.0	34.80