

## QUALITY POLICY

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The Quality Policy of Vishwa Power & Infrastructure Pvt. Lt. is to offer products meeting customer requirements. While doing so, research as well as external sources shall be utilised for product development. Training of employees and technical services for product will also be ensured.

### Performance

#### Tracking resistant

Vishwa Heat Shrinkable Terminations will not track even during the most extreme atmospheric pollution.

#### Low Erosion Rate

Specially selected polymer materials ensure low erosion rate for long term reliable performance.

#### High corona Extinction Level

Stress Control Sleeves have properties which make them impervious to harmful effects of Corona/partial discharge as the extinction voltages are very high.

#### High Electrical Strength

The materials are proven and tested to outperform basic insulation level of system and can withstand repeated flashover and higher impulse voltage levels.

#### U.V. Ozone, SO<sub>2</sub> Resistant

Protective sleeves fully prevent the termination from ultraviolet light degradation even when exposed to ozone, SO<sub>2</sub> and other industrial pollutants.

#### Flame Retardancy

Generally all shrinkable material in black, grey & red colours have inherent flame resistance to Oxygen Index of around 29. However special grade FRLS materials are also available.

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**M S S**  
POWER ACCESSORIES

HEAT SHRINKABLE TECHNOLOGY



SINCE-1994

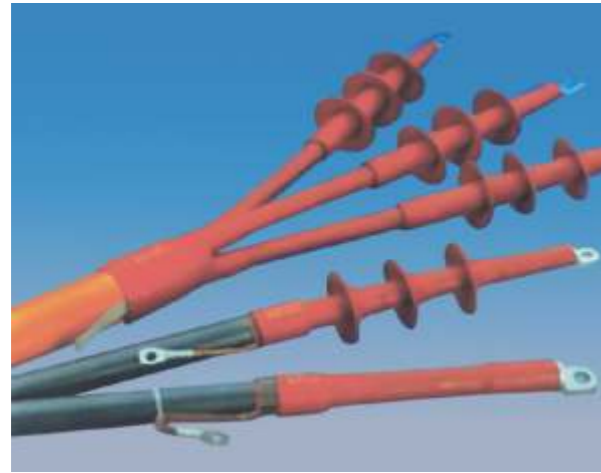
Vishwa Power & Infrastructure (P) Ltd.



HEAT SHRINKABLE Cable Jointing & Terminating systems have covered all the installation difficulties to make it most easy to use and most effective in gruelling environmental conditions. These are reliable, easy and fast to install and can be relied on for years of trouble free service.

Heat Shrinkable Joints & Terminations offers many significant advantages over resins, tapes, push-on and moulded type :-

- Fits a wide dimensional range.
- Reduces installation time.
- Repeatable result.
- 10 Internal adhesive coatings for waterlight sealing.
- Covers irregular shapes.
- Easy re-entry.
- High mechanical strength.
- superior weather resistance.
- No shelf life limitation upto or below 50°C.



### High voltage power Cable Indoor & Outdoor Terminations

Heat Shrinkable cable termination kits are factory engineered and advantageously replace epoxy & polyurethane resin based kits, tapes and push-on kits for all typer of cables viz. PILC,XLPE, PVC and rubber insulated of single and multi conductor constructions upto 33 KV for outdoor and indoor applications like Transformers, Motors and Switchgears. Consistent performance in extreme of temperature, atmospheric pollution and ultra violet light has proved the insulating and sealing ability of outdoor termination in the service conditions over 25 years since their introduction.



### Stress Control :

HEAT SHRINKABLE electrical stress control material has a carefully controlled volume, resistivity and permittivity, thus providing an electrical stress control function at the end of the cable scree, by a defined impedance characteristic. The installed tubing suppressed electrical discharges to prevent insulation damage in service. In the case of belted cable, it is necessary to provide electrical continuity between the stress control tubing and the lead or aluminium sheath. This is achieved by the use of conductive heat-shrinkable moulded parts with very low electrical resistance.

