

# Polymeric Pin Insulators

For 15, 25 or 36kV Systems

W T Henley polymeric pin insulators are recommended for use on either bare wire or covered conductor systems. The use of these insulators is designed to eliminate the problems associated with corona discharge erosion that can occur with porcelain insulators.

They are suitable for use with British Standard (BS3288) steel insulator pins (10kN cantilever rating) and industry standard pre-form ties. They are light-weight making them exceptionally easy to install.

They are ideally suited to areas with a history of vandalism; ballistics tests have shown that with rifle or shotgun damage they will continue to operate.

Moulded from grey, high-density polyethylene, the manufacturing process ensures that every insulator is void free. The material has excellent resistance to weathering and ageing and has been proven by decades of service.



- Electrically compatible with bare and covered conductors – no stripping is required
- Moulded from a proprietary grey, high-density polyethylene
- Resistant to impact damage, breakage or vandalism
- Lightweight for ease of handling
- Excellent resistance to weathering - proven by decades of service
- Interchangeable with ceramic type pin insulators
- Groove designs
- UV and track resistant

## Composite Overhead Line Equipment

# Polymeric Pin Insulators Electrical, Mechanical & Physical Data

	Pin Insulator suitable for Line Tie***		
Product Code	56431-04	56431-07	56431-10
Overall Height mm	165	205	153
Shed Diameter mm	190	190	144
Creepage mm	400	585	310
Impulse Withstand kVp	122	147	102
AC 1 mm. Withstand Wet	45	55	49
Weight kg	0.9	1.2	0.59
Voltage Rating kV.	25	35	15

\*\*\* Compliant to ENA 43-93 for bare conductor

Colour indicates for Covered conductor only

The above are designed to fit steel Insulator Pins with a large head to BS 3288.  
For small head designs please contact us for further information.

