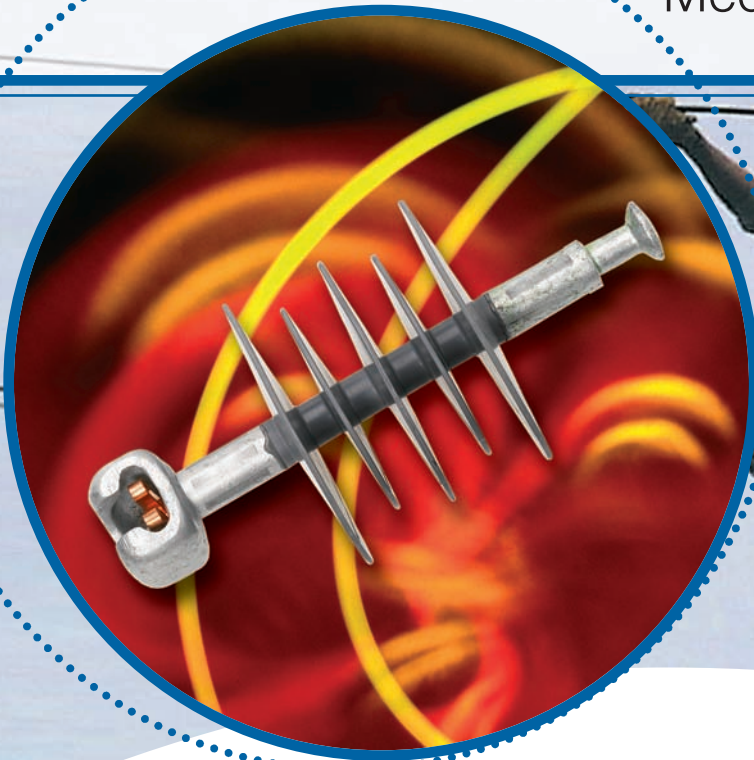


# Polymeric Overhead Line Insulators

Medium Voltage up to 45kV



WT Henley was quick to identify the benefits of using composite polymer technology to replace traditional materials such as ceramic for insulators. We developed a unique cladding material formulation, which has been in service now for over 30 years for a variety of applications including switchgear and surge arrestors as well as tension and post insulators for electricity distribution and railway use.

WT Henley offers a wide range of standard BS 3288 end fittings (as well as tailored designs to suit individual

customer requirements) and our twin and triple disc tension sets are designed to directly replace existing glass or porcelain sets (BS 140mm spacing) without the need to re-tension the overhead line.

The range consists of:

- 70kN Tension insulators
- Post insulators
- Railway insulators
- Stand off insulators
- Insulators for OEMs

- **Lightweight construction**
- **Impact resistant**
- **Direct replacement for glass and porcelain (BS 140mm spacing)**
- **Unique cladding material with over 30 year service history**
- **High pollution resistance**
- **A range of End Fittings available (BS 3288 and other)**



A subsidiary of TT electronics plc



**WT Henley Limited**

## Benefits

When fully bonded to its pultruded GRP rod, the resulting insulators are significantly lighter than equivalent ceramic products making installation quicker, easier and safer. Their superb impact resistance minimises transit or site damage, so often associated with ceramic insulators and also ensures that breakage due to vandalism (shot gun or

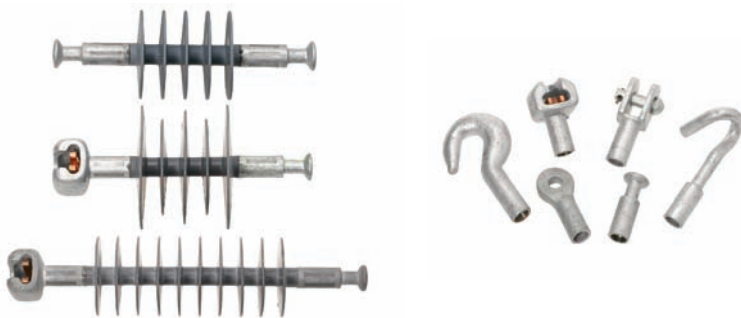
air gun pellets), which could have resulted in network outage is virtually eliminated.

Whereas a traditional ceramic insulator relies on a thin surface glaze to maintain its electrical properties and is prone to chipping and abrasion, the solid, homogeneous nature of the

unique Henley material ensures long life expectancy. Its excellent UV resistance ensures that the smooth surface finish is maintained which, combined with the natural effects of wind and rain, gives excellent resistance to heavily polluted or salty environments.

Separate product brochures are available for the following product ranges

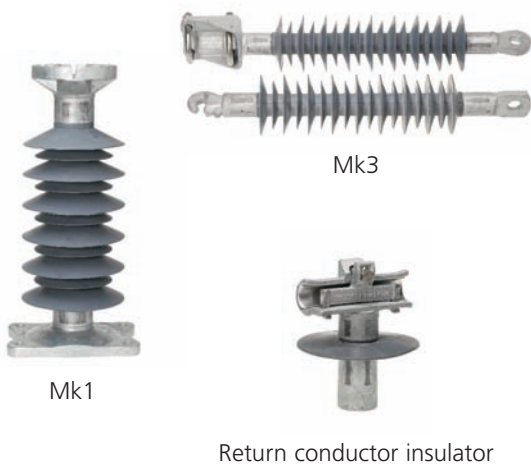
### 70kN Tension Insulators: 11, 24 & 36kV, Direct Replacement



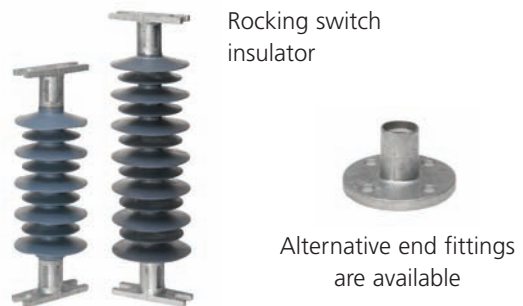
### 33kV Post Insulator



### Railway Insulators



### OEM Insulators



### Stand-off Insulators (11, 24, 33kV)



Also available: Polymeric pin insulators, Light railway insulators, Guy strain insulators, LV reel insulators, Parking bars. The range is continually developing - Contact us for more information.

### WT Henley Limited

Silver Key, Church Manorway  
Belvedere, Erith, Kent DA8 1EX, England

Telephone: +44 (0) 1322 444500

Facsimile: +44 (0) 1322 444502

Email: sales@wt-henley.com

Website: [www.wt-henley.com](http://www.wt-henley.com)



**General Note** The equipment detailed in this publication should be installed by a suitably qualified person. WT Henley Limited reserves the right to make changes in product specification without notice or liability. All information is subject to WT Henley's own data and is considered accurate at time of going to print.

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