

# Side Tie



## General Recommendations



Side Ties are designed and manufactured to secure conductors to the side groove of the insulator.

Side Ties provide an improved method of securing conductors compared to hand ties. Side Ties provide superior abrasion protection for the conductor under all types of motion, including low frequency sway oscillation, high frequency aeolian vibration and galloping.



The neoprene component surrounds the bare conductor with a resilient cushioning where the conductor would come into contact with the insulator and with the centre section of the tie. In the case of Side Ties being applied over Armor Rods, the tube can be disposed of, as contact with the bare conductor is prevented by the Armor Rod.

On vertically mounted insulators, Side Ties can normally accommodate line angles of up to 40° depending upon the angle of the insulator and orientation. In all cases the conductor should rest in the preferred insulator groove, independently of the tie, so the tie is not required to force the conductor to remain in the groove.

Due to the construction of Side Ties, if an impact load is applied to one side of the insulator and then released, the side ties retains a memory and will return to its original position.

For Application Procedures, visit the PLP website.

[www.preformed.com.au](http://www.preformed.com.au)

### SAFETY CONSIDERATIONS

- This product is intended for a single (one-time) use and for the specified application, although it may be re-applied twice for retensioning within 90 days from initial installation.
- Do not modify this product in any way.
- This product is intended for use by qualified linesmen only.
- When working in the area of energised line with this product, extra care should be taken to prevent accidental electrical contact.
- For proper performance and personal safety, be sure to select the proper size PREFORMED™ products before application.
- PREFORMED™ products are precision devices. To ensure proper performance, they should be stored in cartons under cover and handled carefully.