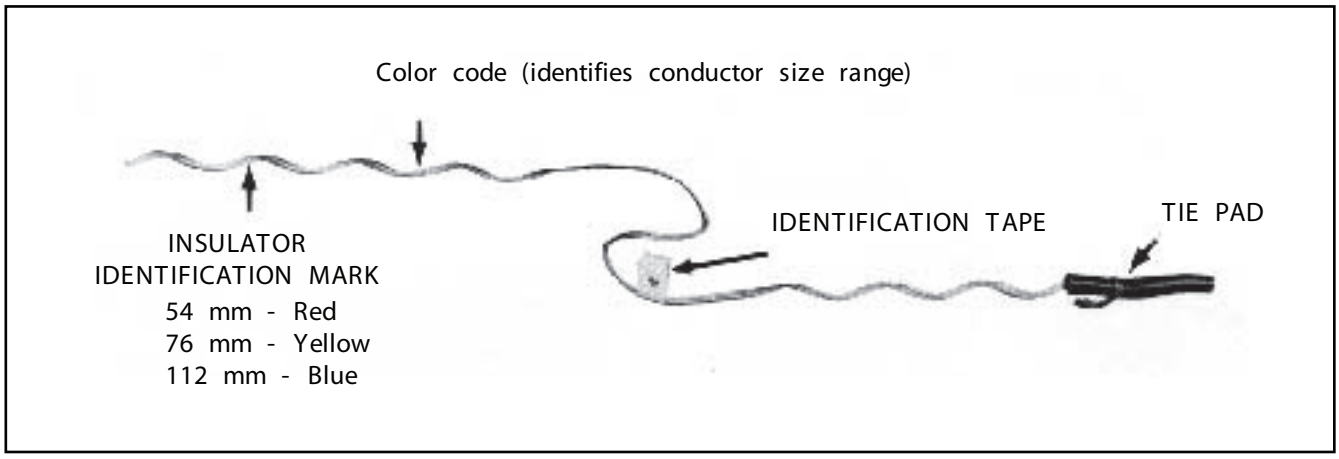
Application Procedure & Safety Considerations

PREFORMED LINE PRODUCTS

DISTRIBUTION TIE

Completely read and understand this procedure before applying products. Special attention should be given to the Safety Considerations located on the last page. We advise the reader to review those considerations now, and then again during the general review of this procedure

These products are designed and tested to be used only on insulators complying with the dimensional requirements of AS2947.2 – 1989.

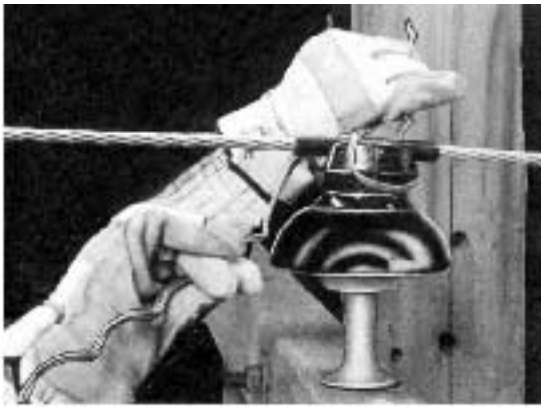


DISTRIBUTION TIE as received in the field.
NOTE: Tie pad may be covering insulator identification mark.

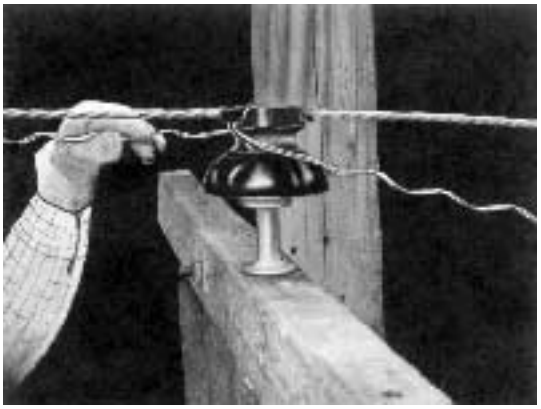
COLD APPLICATION

1) Apply the Tie Pad to conductor so that conductor does not come into direct contact with insulator.

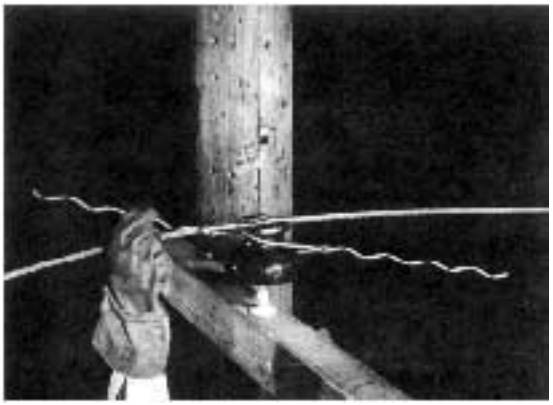
2) Position Distribution Tie on insulator as shown, so that both legs are parallel to the conductor.



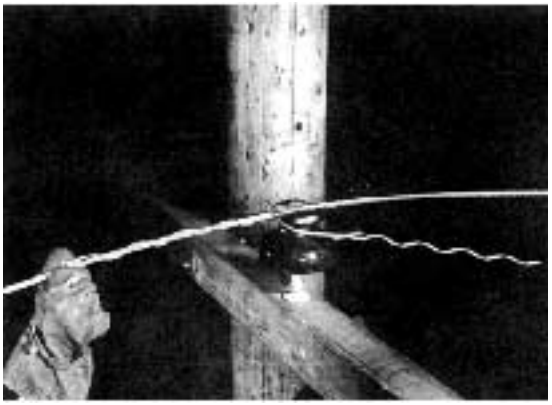
3) Rotate the Distribution Tie in a counter clockwise direction, making certain that both legs go under the conductor as shown.



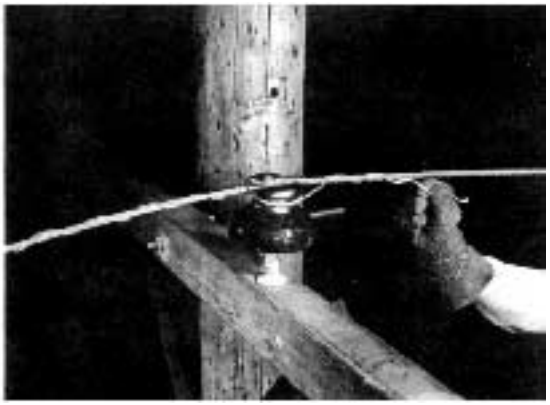
4) Continue to rotate the legs and the Distribution Tie will seat itself, as shown.



5) Start to wrap on one leg of the Distribution Tie as shown.



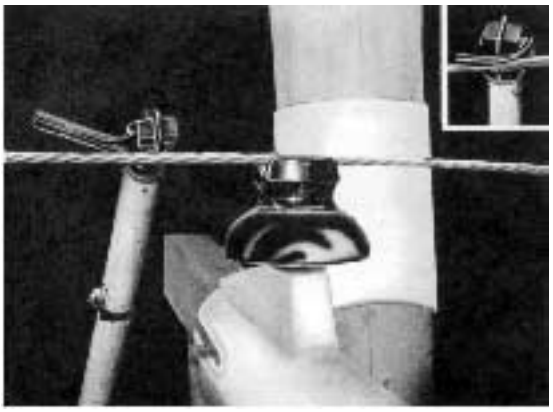
6) Continue to apply the first leg to completion. Be sure to snap the end of the leg into place with slight thumb pressure.



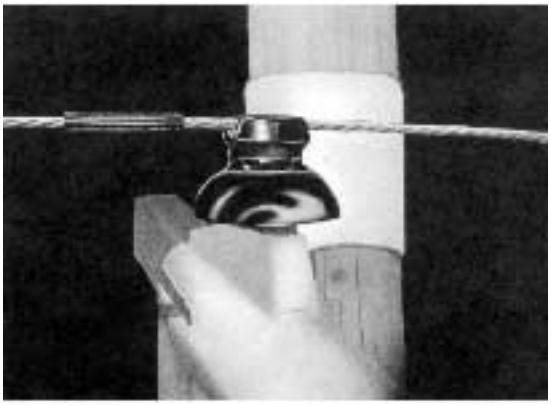
7) Wrap on the other leg of the Distribution Tie as shown and snap the leg into position in the same manner

8) Completed application of the Distribution Tie.

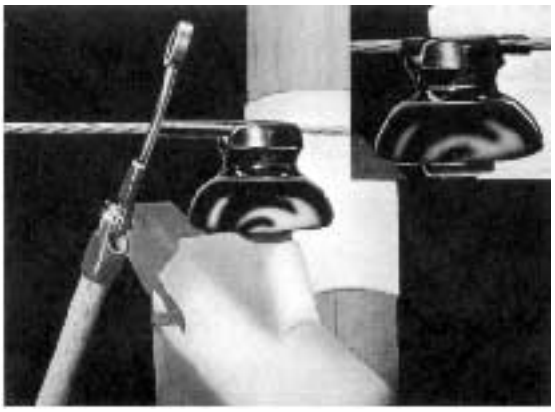
HOT APPLICATION



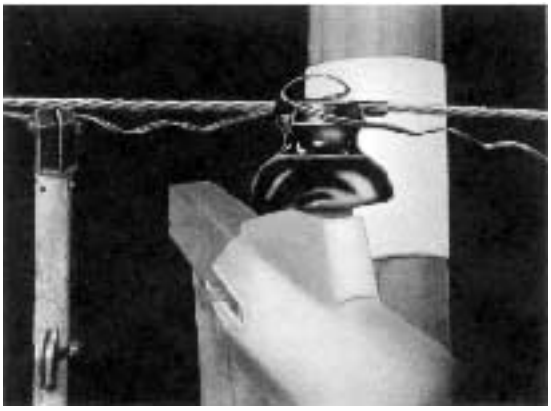
1) The method of securing Distribution Tie pad onto the conductor, preparatory to the application of the Distribution Tie.



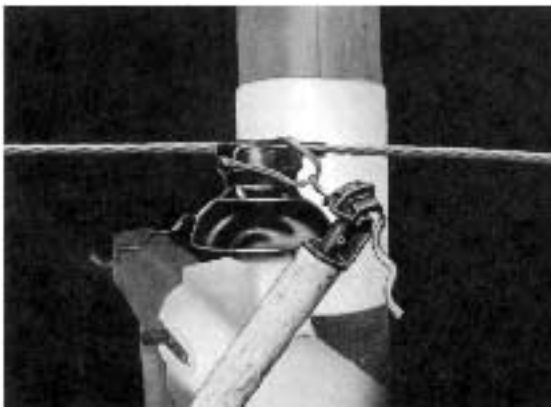
2) After applying pad with jumper holding tool, slide the...



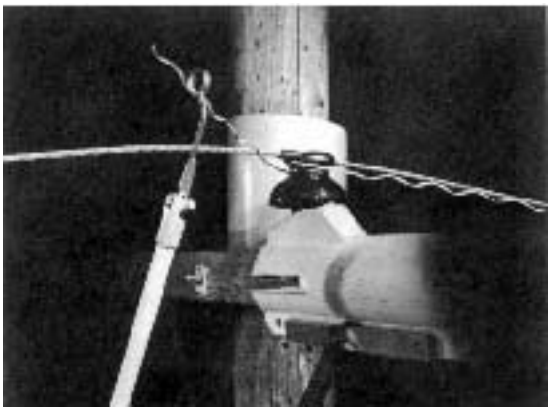
3) ...pad over so that it rest in the insulator groove (see inset).



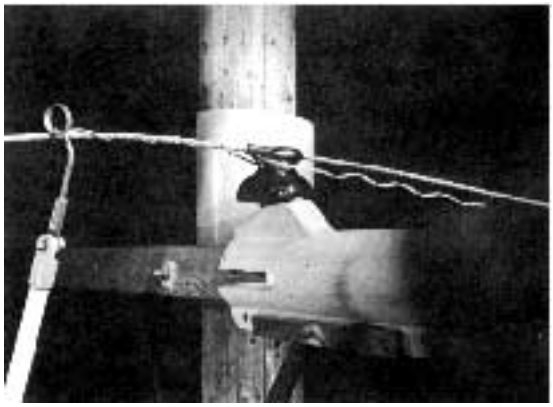
4) Position Distribution Tie on insulator as shown, so that both legs are parallel to the conductor.



5) Rotate the Distribution Tie in a counter clockwise direction, making certain that both legs go under the conductor as shown.



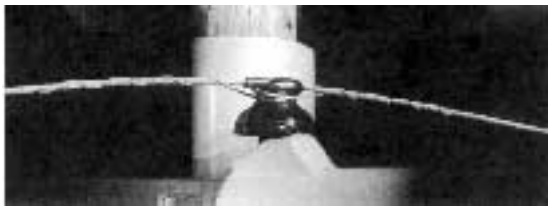
6) With the PREFORMED Applicator Ring start to wrap on one leg of the Distribution Tie



7) Continue wrapping to completion. Then snap the end of the leg into place

8) Follow the same procedure stated in step #6

9) Follow the same procedure stated in step #7.



10) Completed Hotstick application of the Distribution Tie.

SAFETY CONSIDERATIONS

1) For proper performance and personal safety be sure to select the proper size PREFORMED Distribution Tie before application.

2) PREFORMED Distribution Tie are precision devices. To ensure tight assembly, they should be stored in cartons under cover and handled carefully.

3) This application procedure is not intended to supersede any company construction or safety standards. This procedure is offered only to illustrate safe application for the individual. Failure to follow these procedures and restrictions may result in personal injury.

4) When working in the area of energized lines, extra care should be taken to prevent accidental electrical contact.

5) This product is intended for use by trained linesmen only. This product should not be used by any one who is not familiar with and trained in the use of it.

PREFORMED
LINE PRODUCTS
(AUSTRALIA) PTY LTD
A.B.N. 27 004 533 877

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PO Box 106, Glendenning Business Centre, NSW Australia 2761
Phone: (02) 8805 0000 intl 61 2 8805 0000 Fax: (02) 8805 0090 intl 61 2 8805 0090
Email: plpaus@preformed.com.au
Web: www.preformed.com.au

Covered Conductor Fittings

CCT - Non Metallic Heliformed® Top & Side Ties

At suspension locations, whether they be at pin or post type insulators, a series of non-metallic Top and Side ties are available. The ties are installed over the insulation of the conductor, and therefore stripping is not required. Ties are manufactured from UV Stabilised PVC, and are available for 76mm Insulator neck size. Ties may be supplied in a colour to suit the conductor insulation. Standard colour is Grey. Ties are easily applied by hand, as with other Heliformed® ties. Ties are suitable for angular deviations up to 30 degrees.

Side Ties

Deadend Cat No.	Cable Size mm²	Voltage kV
PST14307G	80	11
PST18307G	120	11
PST23407G	180	11

Top Ties

Top Tie Cat No.	Cable Size mm²	Voltage kV
PTT14307G	80	11
PTT18307G	120	11
PTT23407G	180	11

Rev. B –

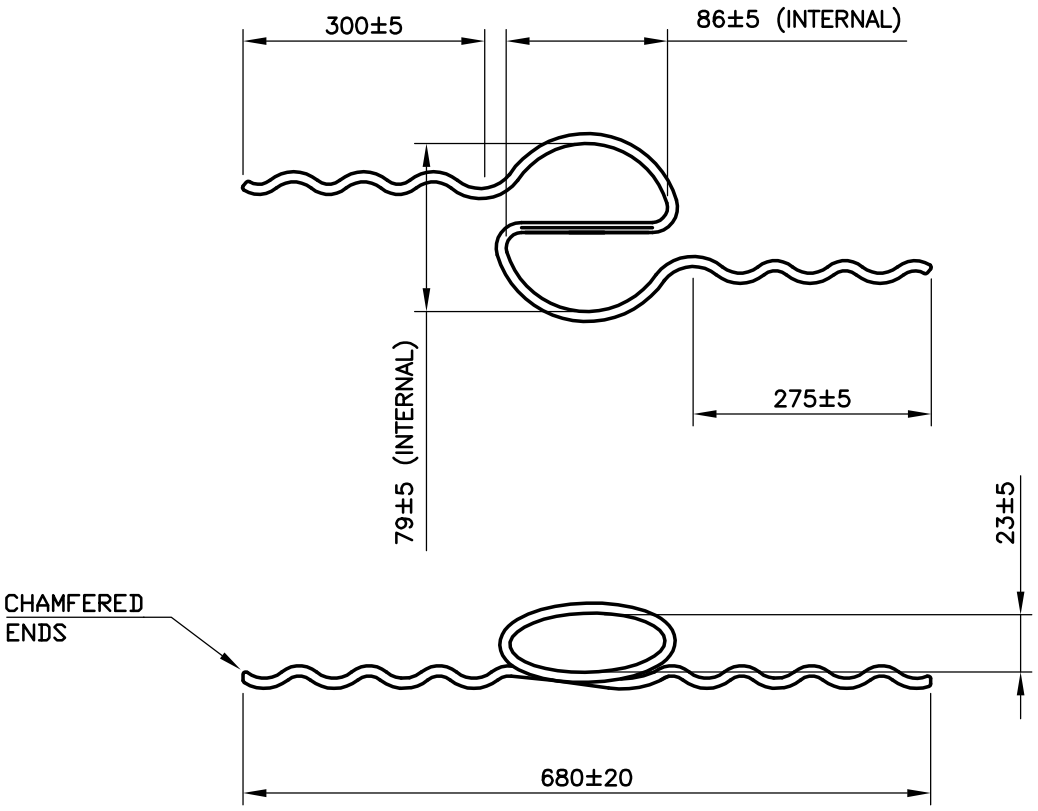
Rev. G –

NOTES

1. ALL DIMENSIONS IN MILLIMETERS.
2. TOLERANCES UNLESS OTHERWISE STATED:-
   a. HOLE DIAMETRE ±0.5mm
   b. LINEAR DIMS. UP TO 30mm ±1.5mm
   c. LINEAR DIMS. OVER 30mm ±5% UP TO A MAX. OF 5mm.
3. BRACKETED DIMENSIONS DO NOT AFFECT INTERCHANGEABILITY OR COUPLING AND ARE FOR GUIDANCE ONLY.
4. MATERIAL: HIGH IMPACT PVC, UV RESISTANT

LAY : RIGHT HAND

MATERIAL : HIGH IMPACT PVC
UV RESISTANT



TO SUIT CONDUCTOR	STRANDING/TYPE	DIA	OUTERLAY
	COVERED CONDUCTOR	14.3-18.2	RHL
	CONDUCTOR RAGE 14.30 - 18.20		
	EXTRUSION DIAMETER: 11.0		
	INSULATOR NECK/SHEAVE WHEEL/LOOP DIAMETER : 76		

A	MI	08.09.10				
CHK	DF	20.10.10				
INITIAL ISSUE ERF NO.C0113						

PART No: D-PTT14307G

HIGH IMPACT, UV RESISTANT PVC - TOP TIE. RANGE 14.3-18.2

PASSED	PT	DATE	25.10.10

SCALE N.T.S.

PREFORMED LINE PRODUCTS (AUSTRALIA) PTY. LTD.

DRAWING NUMBER
PTT14307G

PLP (AUSTRALIA) PTY LTD

ENGINEERING DEPARTMENT

DATE – 7TH Febuary 2018

TYPE TEST REPORT NO: T9801
TEST REFERENCE NO: T18/32

MECHANICAL STRENGTH TYPE TEST

ON:

HIGH IMPACT UV RESISTANT PVC TOP TIE
RANGE 14.3-18.2mm

PART NO. D-PTT14307G

Testing Officer: _____ (Jose-elmer Simeon)

Approved by: _____ (Florian de Celis, Compliance Manager)

Date Approved: 08/02/18

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