

PREFORMED™ Deadend Grip



For Copper Conductor (HDC)
Right Hand Lay Standard



| Part Number | Conductor Stranding | Conductor Diameter (mm) | Colour Code |
|---------------|------------------------------|-------------------------|--------------|
| CFG-030 | 7/1.00 | 3.00 | White |
| CFG-038 | 7/1.25 | 3.75 | Green |
| CFG-043 | 3/2.00 7/1.35 | 4.25 4.05 | Yellow/Green |
| CFG-048 | 7/1.63 | 4.89 | Black |
| CFG-053 | 7/1.75 7/1.73 | 5.25 5.18 | Purple |
| CFG-060 | 7/2.00 | 6.00 | Yellow |
| CFG-075 | 7/2.50 | 7.50 | Blue |
| CFG-083 | 7/2.75 | 8.25 | White |
| CFG-088 | 19/1.75 | 8.75 | Purple |
| CFG-100-CL | 19/2.00 7/3.50 19/2.11 | 10.00 10.50 10.55 | Yellow |
| CFG-113-CL | 7/3.75 | 11.25 | Black |
| CFG-117 | 19/2.33 | 11.65 | Blue |
| CFG-125 | 19/2.56 37/1.75 | 12.80 12.25 | Blue/Purple |
| CFG-138-CL | 19/2.75 | 13.80 | White |
| CFG-150-CL | 19/3.00 | 15.00 | Red |
| CFG-166 | 19/3.33 37/2.36 | 16.65 16.52 | Orange |
| CFG-175-CL | 37/2.50 | 17.50 | White |
| CFG-183-CL | 37/2.62 | 18.30 | White |
| CFG-193-CL | 37/2.75 | 19.30 | White |
| CFG-203-CL | 61/2.25 | 20.25 | Brown |
| CFG-210-LT-CL | 37/3.00 | 21.00 | Red |
| CFG-235-CL | 61/2.64 | 23.50 | Orange |
| CFG-260-LT-CL | 91/2.36 61/2.85 | 25.96 25.65 | Black |

Note: Cad copper conductors are left hand lay and require LHL grips.
Contact PLP for further information and other available sizes.

CL = Denotes Cabled Loop
LT = Denotes Limited Tension



PLP (AUSTRALIA) PTY LTD
ENGINEERING DEPARTMENT

DATE – 3RD August 2015


TYPE TEST REPORT NO: T9584
TEST REFERENCE NO: T15/24
PAGE 1 of 5


MECHANICAL STRENGTH TYPE TEST

ON:

COPPER GRIP
7/2.75mm HARD DRAWN COPPER

(PLP Aust. Part No. – CFG-083)

Testing Officer:  (Jose-elmer Simeon)

Approved by:  (Florian de Celis, Compliance Manager)

Date Approved: 4/08/2015

190 Power Street Glendenning NSW 2761 AUSTRALIA
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THE QUALITY SYSTEM OF PLP AUSTRALIA HAS BEEN CERTIFIED TO
AS/NZS ISO9001:2008 BY GLOBAL MARK REGISTER QUALITY ASSURANCE

Fittings and Accessories for Power and Communication.
Engineered Plastics and Extrusions.
Data Communication Products.

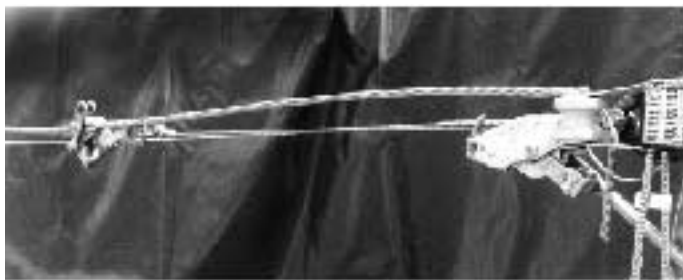


Application Procedure & Safety Considerations

P R E F O R M E D L I N E P R O D U C T S

Single-Piece Grips for AAC, AAAC, ACSR, SC/AC, SC/GZ and Copper Conductors

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



- 1) Select the correct grip for your application. Tension the conductor and fit the required insulator and thimble.



- 2) Place the grip through the thimble or around the insulator and while applying a light tension and holding the fitting legs together, lay it against the conductor.





- 3) Grasp both fitting legs evenly and apply onto the conductor at the crossover mark, making sure the gap between them is approximately the same.

NOTE: Grips are made the same lay as the conductor, therefore application rotation will be right hand for right hand conductors and vice versa for left.



- 4) Working both legs together and pulling away from the conductor, fully wrap on the fitting and snap in the ends.
- 4a) On large fittings it may be necessary to pull away from the conductor at a larger angle when applying the grip. In these cases care must be taken not to distort the fitting.

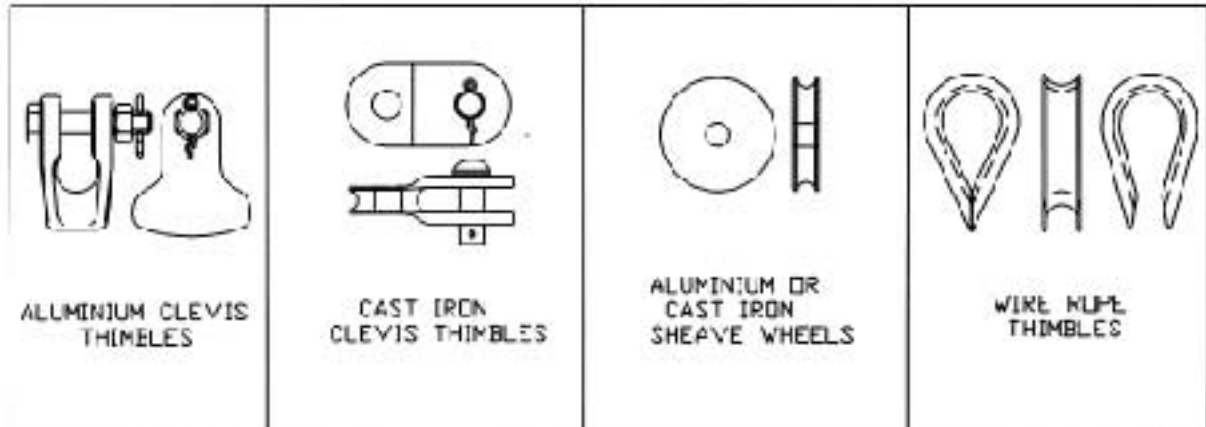


Completed Application

- 6) If difficulty is experienced applying the last couple of pitches, the legs may be further split to allow easier snapping onto the conductor. Do not use pliers or screwdrivers as this may damage the conductor strands.

THIMBLE FOR GRIPS

- 1) Loops of the Single Piece Grip are designed for use with spool insulators, clevis thimbles and other smoothly contoured fittings.
- 2) The following styles are considered as suitable.



- 3) Avoid dissimilar metals that could promote galvanic corrosion (eg. copper and aluminium).
- 4) PREFORMED Grips may be applied three times on new installations, if sag adjustments are necessary.
- 5) PREFORMED Grips are not to be reused after the final application.

SAFETY CONSIDERATIONS

- 1) For proper performance and personal safety be sure to select the proper size Single-Piece Grips before application.
- 2) Single-Piece Grips 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.

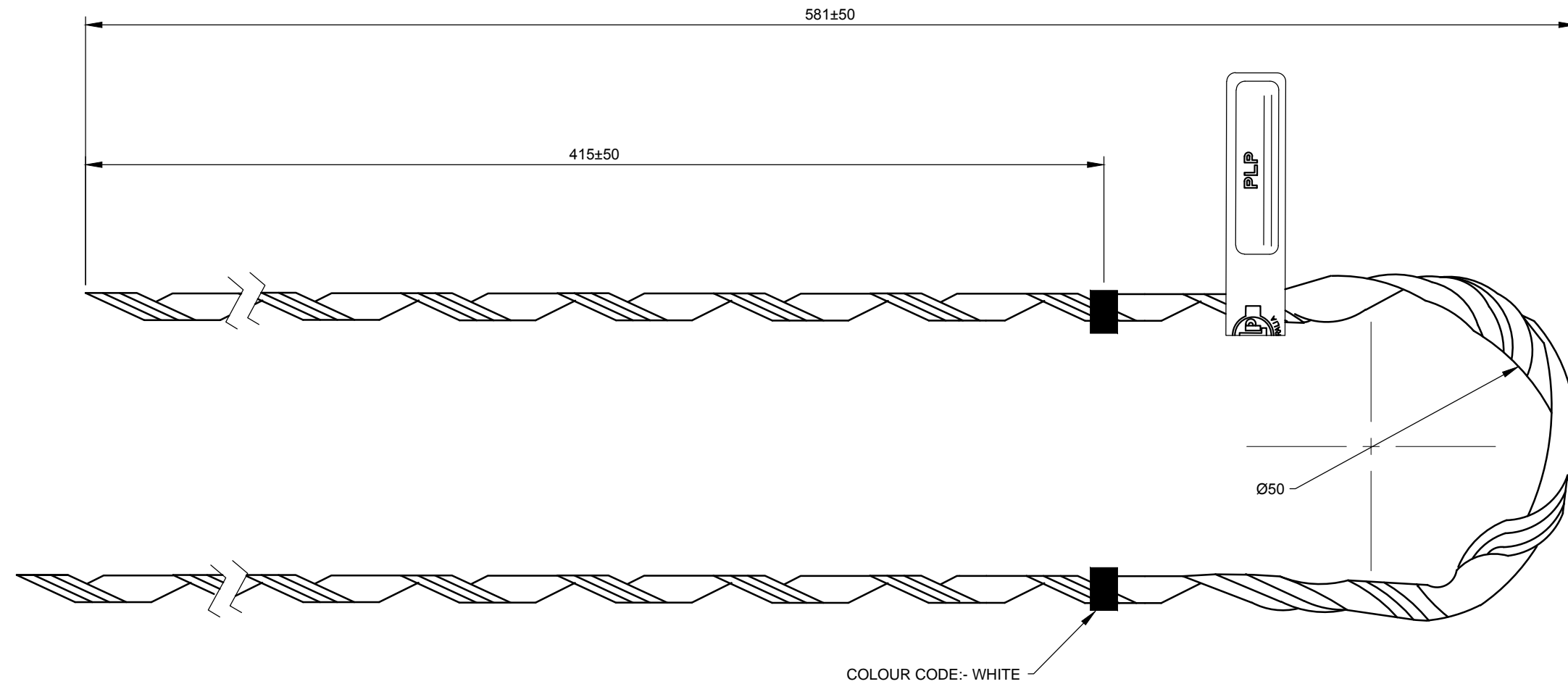


**PREFORMED
LINE PRODUCTS
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NOTES:-

1. MATERIAL:- COPPER ALLOY.
2. IDENTIFICATION MARKINGS:- SEE PRODUCT TAPE.
3. LAY:- RIGHT HAND LAY
4. No OF WIRES:- 5
5. WIRE DIAMETER:- Ø2.50mm
6. END FINISH:- CHAMFER



CFG-083:- PRODUCT TAPE COLOUR:- WHITE

| | | |
|---|--|---|
| 7/2.75 (0.104") COPPER COLOUR: WHITE DC1090 M/11906534 QTY: XX | | COPPER GRIP PART No: CFG-083 W/O___ MM/YY |
|---|--|---|

CFG-083-8:- PRODUCT TAPE COLOUR:- WHITE

| | | |
|---|--|--|
| 7/2.64, 7/2.75 COPPER COLOUR: WHITE QTY: XX | | COPPER GRIP LØ44434 PART No: CFG-083-8 W/O___ MM/YY |
|---|--|--|

| | | | | | | |
|-----|------------|------|------|------|---------------------|-------------------------------|
| H | 26/05/2015 | KR | FP | JR | D2561 | ADD NEW PART CFG-083-8 |
| G | 05/05/2014 | NA | KR | DF | D1977 | CHANGE ROD DIAMETER TO 2.50mm |
| REV | REV DATE | DRWN | APVD | APVD | REVISION ERF NUMBER | DESCRIPTION |



PREFORMED LINE PRODUCTS

The connection you can count on. (PLP AUSTRALIA)

| | | | | | | | | |
|---|--|--|--|--|---|--|---|--|
| <p>CUSTOMER DRAWING TITLE</p> <p>COPPER GRIP</p> <p>TO SUIT 7/2.64 AND 7/2.75mm COPPER CONDUCTOR</p> <p>RIGHT HAND LAY</p> | | <p>TOLERANCES UNLESS NOTED</p> <p>HOLE DIA: ±0.5mm</p> <p>LINEAR DIMS:</p> <p>≤30mm: ±1.5mm</p> <p>>30mm: ±5% UP TO 5mm MAX.</p> <p>ANGLES: ±2°</p> | <p>UNITS</p> <p>mm</p> <p>DO NOT SCALE</p> <p>THIRD ANGLE PROJECTION</p> | <p>CONFIDENTIAL</p> <p>THIS DRAWING IS THE EXCLUSIVE PROPERTY OF PREFORMED LINE PRODUCTS COMPANY AND IS TO BE USED ONLY WITH THE PRIOR EXPRESSED PERMISSION OF PLP</p> | <p>DRWN: MP</p> <p>DATE: 08/11/1990</p> <p>APVD: MH</p> <p>DATE: 08/11/1990</p> <p>APVD: -</p> <p>DATE: -</p> | <p>PLP CATALOGUE NUMBER</p> <p>CUSTOMER I.D. NUMBER</p> <p>SCALE</p> <p>N.T.S.</p> | <p>PLP PART NUMBER</p> <p>CFG-083##</p> <p>PLP DRAWING NUMBER</p> <p>056006-CD</p> <p>PLP ORIG ERF NUMBER</p> <p>5558</p> | <p>SHEET No.</p> <p>1 OF 1</p> <p>REV</p> <p>H</p> |
|---|--|--|--|--|---|--|---|--|