

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

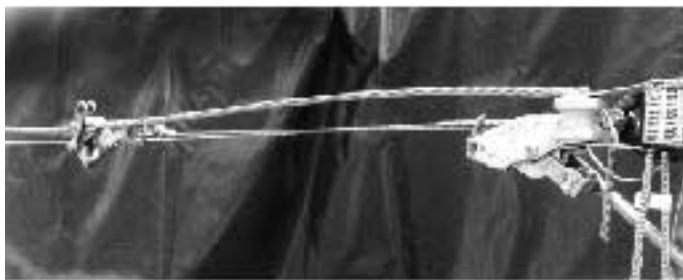


Application Procedure & Safety Considerations

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.

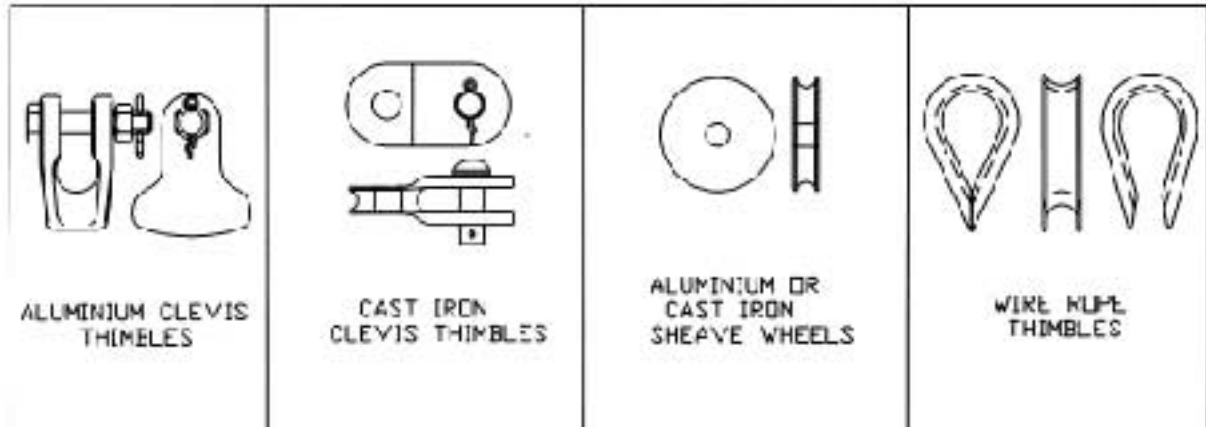


Completed Application

- 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
(AUSTRALIA) PTY LTD**
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PLP (AUSTRALIA) PTY LTD
ENGINEERING DEPARTMENT

DATE – 7TH August 2015

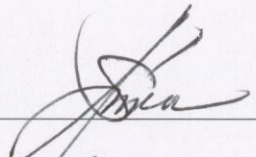
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TEST REFERENCE NO: T15/28
PAGE 1 of 5

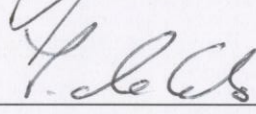
MECHANICAL STRENGTH TYPE TEST

ON:

COPPER GRIP
19/2.10mm HARD DRAWN COPPER

(PLP Aust. Part No. – CFG-100-CL)

Testing Officer:  (Jose-elmer Simeon)

Approved by:  (Florian de Celis, Compliance Manager)

Date Approved: 10/08/2015

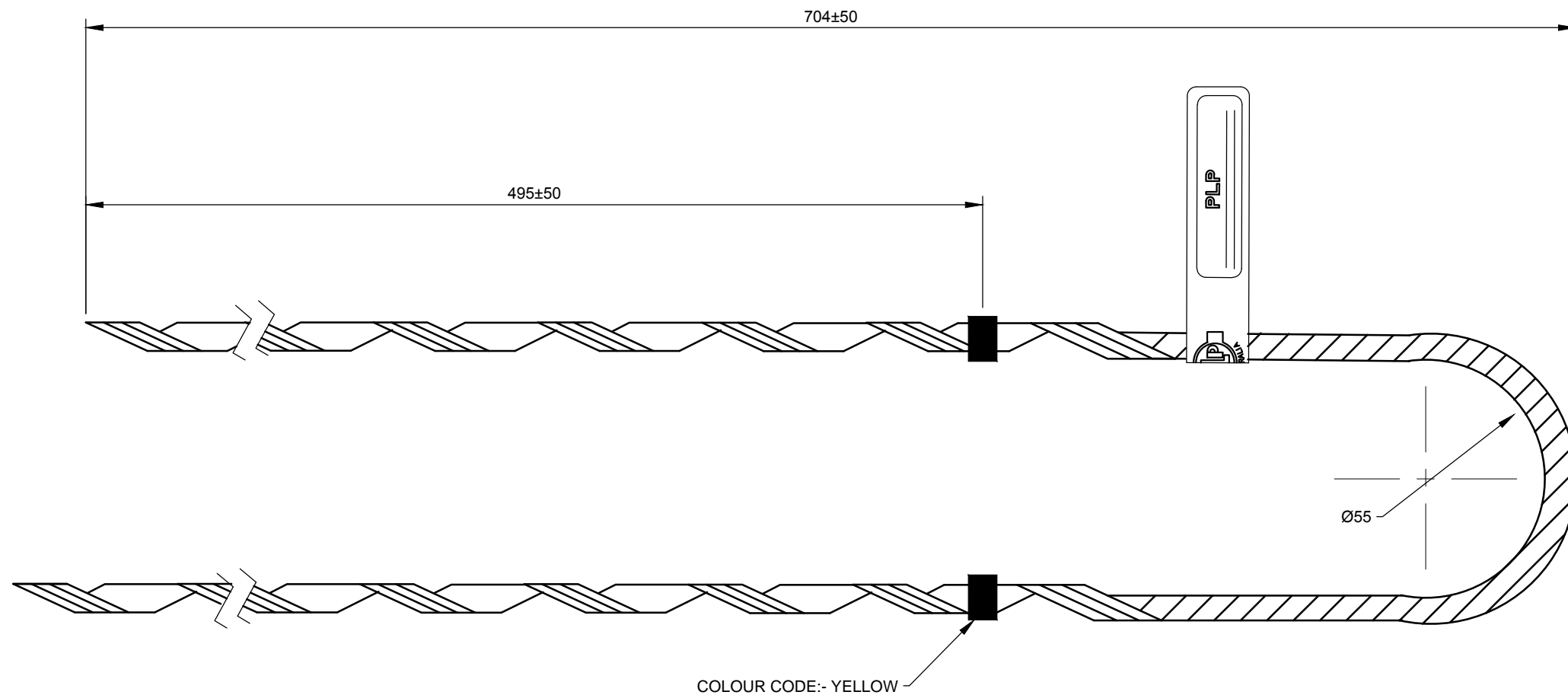
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THE QUALITY SYSTEM OF PLP AUSTRALIA HAS BEEN CERTIFIED TO
AS/NZS ISO9001:2008 BY GLOBAL MARK REGISTER QUALITY ASSURANCE

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

NOTES:-

1. MATERIAL:- ALUMINIUM ALLOY.
2. IDENTIFICATION MARKINGS:- SEE PRODUCT TAPE.
3. LAY:- RIGHT HAND LAY - CFG-100-CL, CFG-100-CL-8
LEFT HAND LAY - CFG-100-L-CL
4. No OF WIRES:- 5
5. WIRE DIAMETER:- Ø2.80mm
6. END FINISH:- CHAMFER



CFG-100-CL:- PRODUCT TAPE COLOUR:- YELLOW

7/3.50, 19/2.00, 19/2.11, 19/2.14 COPPER		COPPER GRIP
COLOUR: YELLOW		PART No: CFG-100-CL
MI/11906583		W/O___ MM/YY
QTY: XX		

CFG-100-CL-8:- PRODUCT TAPE COLOUR:- YELLOW

7/3.45, 7/3.50, 19/2.00, 19/2.11, 19/2.14 COPPER		COPPER GRIP
COLOUR: YELLOW		LØ44433 PART No: CFG-100-CL-8
QTY: XX		W/O___ MM/YY

CFG-100-L-CL:- PRODUCT TAPE COLOUR:- YELLOW

7/3.50, 19/2.00, 19/2.11, 19/2.14 COPPER		COPPER GRIP
COLOUR: YELLOW		PART No: CFG-100-L-CL
QTY: XX		W/O___ MM/YY

K	06/08/2015	NA	KR	DM	D2616	CHANGE NUMBER OF WIRES TO 5
J	26/06/2015	KR	FP	JR	D2561	CFG-100-CL-8 COLOUR AND LABEL UPDATE
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 7/3.45, 7/3.50, 19/2.00, 19/2.11, 19/2.14</p> <p>COPPER CONDUCTOR</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>	UNITS	<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>				
		mm	DRWN: TD	DATE: 11/06/1993	PLP CATALOGUE NUMBER	-	PLP PART NUMBER
		DO NOT SCALE	APVD: DM	DATE: 11/06/1993	CUSTOMER I.D. NUMBER	-	PLP DRAWING NUMBER
		THIRD ANGLE PROJECTION	APVD: -	DATE: -	SCALE	N.T.S.	SHEET No. 1 OF 1
				PLP ORIG ERF NUMBER	9658	REV K	