

PREFORMED™ Deadend Grip



For ACSR - Single Piece



Part Number	Conductor Stranding	Conductor Diameter (mm)	Colour Code
AWFG-053	3/4/1.75	5.25	Purple
AWFG-063-X	6/1/2.11	6.30	Yellow
AWFG-075-X	6/1/2.50 3/4/2.50	7.50	Blue
AWFG-090-X	6/1/3.00 4/3/3.00	9.00	Red
AWFG-101-X	6/1/3.35 3/4/3.37	10.05	Orange
AWFG-113-X	6/1/3.75 4/3/3.75	11.25	Black
AWFG-125-X	12/7/2.50	12.50	Blue
AWFG-143-X	6/4.75+7/1.60	14.30	Blue

For ACSR - Multi Piece (Full Tension)



Part Number	Conductor Stranding/Name	Conductor Diameter (mm)	Colour Code
FTG-049-SB	Mullet	4.90	Green
FTG-051-SB	Herring	5.10	Green
FTG-059-SB	Goldeye	5.90	Yellow
FTG-064-SB	Flounder	6.40	Black
FTG-075-SB	Greyling	7.50	Blue
FTG-084-SB	Pickrel	8.40	White
FTG-087-SB	Lamprey	8.70	White
FTG-113	6/1/3.75	11.25	Red
FTG-117	12/7/2.34	11.70	Brown
FTG-125-AW	12/7/2.50 12/7/2.59	12.50	Blue
FTG-143	6/4.75/7/1.60	14.30	Blue
FTG-146	7/4.39/7/1.93	14.60	Blue
FTG-150	12/7/3.00	15.00	Red
FTG-155	18/1/3.09	15.54	Black
FTG-157	26/2.54/7/1.91	15.90	Blue
FTG-165	30/7/2.36	16.52	Brown
FTG-175	30/7/2.50	17.50	Blue
FTG-193	18/1/3.86	19.30	Black
FTG-210	30/7/3.00	21.00	Red
FTG-245	30/7/3.50	24.50	Purple

Note: -SB refers to Smooth Body conductors

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Product Guidelines

Installation of PLP multi-piece grips

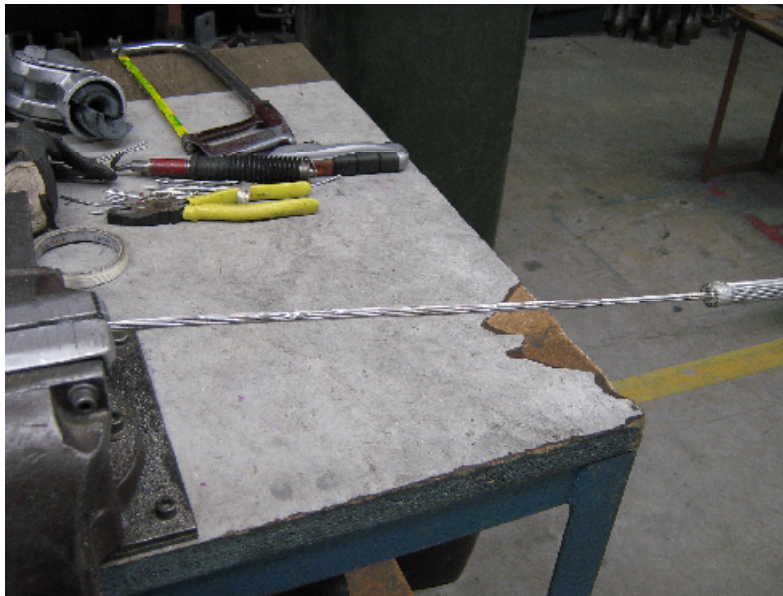
April 2011

The supplied grips consist of 2 or 3 components. These are -

- Small inner grip (gal. Steel)
- Large outer grip (aluminium)
- Filler rods (only used on some size conductors)

1. Take the small steel grip, placing the cut end of the conductor against the paint mark on the longer of the fitting legs. Tape the conductor 15mm further than the leg of the fitting.

2. Carefully remove all the aluminium strands down to the steel core, cutting next to the tape with a hacksaw or cutting tool. To prevent damage to the steel strand, do not cut the inner layer – just score and break off.

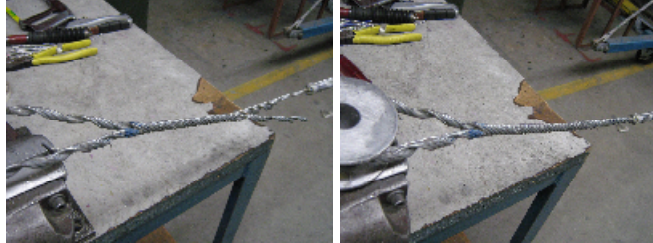


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Fittings and Accessories for Power and Communications
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3. Place the leg of the inner grip through the termination thimble starting at the crossover mark and applying both legs evenly, snapping on to the conductor to finish.



Using filler rods as a measure tape the conductor 15mm longer than the filler rods and carefully remove the outer layer of aluminium strands such that the filler rods can be accommodated.



4. Apply all the filler rods (if supplied) starting at the crossover point of the inner grip and working away from the loop of the grip.



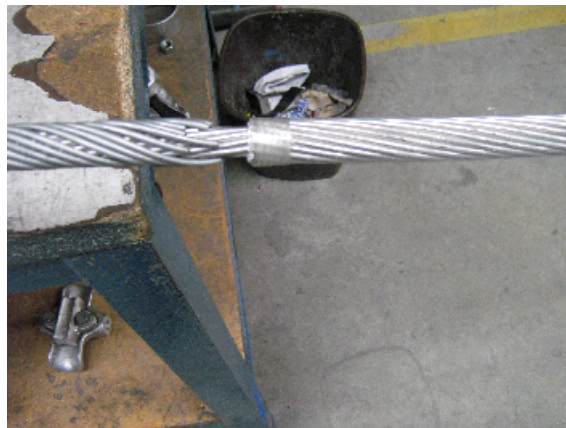
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5. Once installed, the filler rods have brought the diameter of the fitting up to that of the conductor and all is ready for the final installation of the outer grip.



6. Place the aluminium grip through the thimble as well and allow it to sit next to the inner grip so load will be shared. Start the application at the outer grip crossover mark (this will be similar but not necessarily identical) to that on the inner grip.



7. 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.

8. 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.

For further information please contact PLP technical sales support on the abovementioned numbers.

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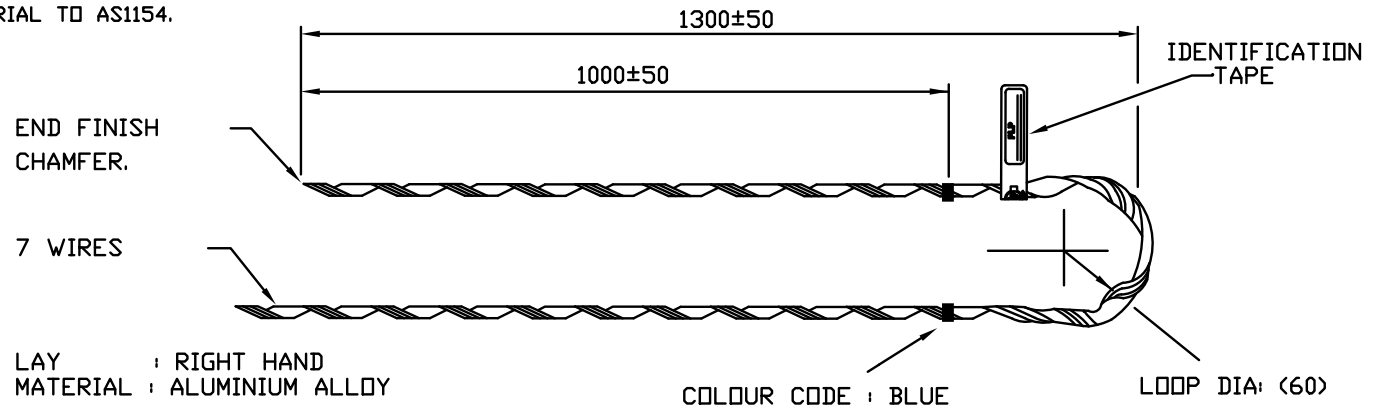
NOTES

- 1 ALL DIMENSIONS IN MILLIMETRES
- 2 TOLERANCES UNLESS OTHERWISE STATED:-
 - a. HOLE DIAMETER $\pm 0.5\text{mm}$
 - b. LINEAR DIMS. UP TO 30mm $\pm 1.5\text{mm}$
 - c. LINEAR DIMS. OVER 30mm $\pm 5\%$ UP TO A MAX. OF 5mm.

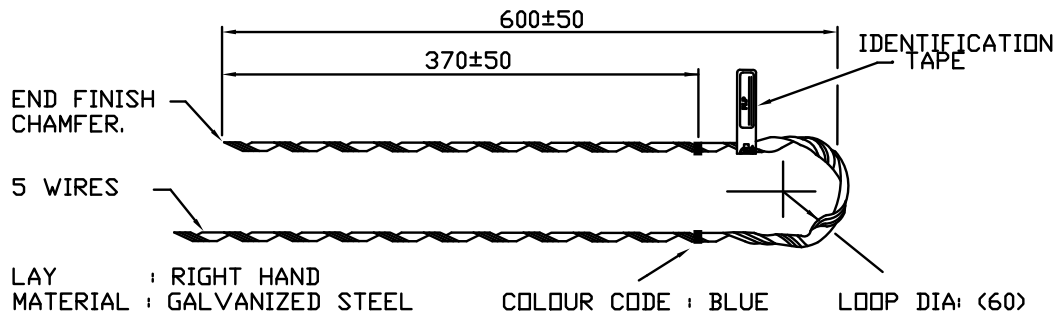
3. BRACKETED DIMS. DO NOT AFFECT INTERCHANGEABILITY OR COUPLING & ARE FOR GUIDANCE ONLY.

4. MATERIAL TO AS1154.

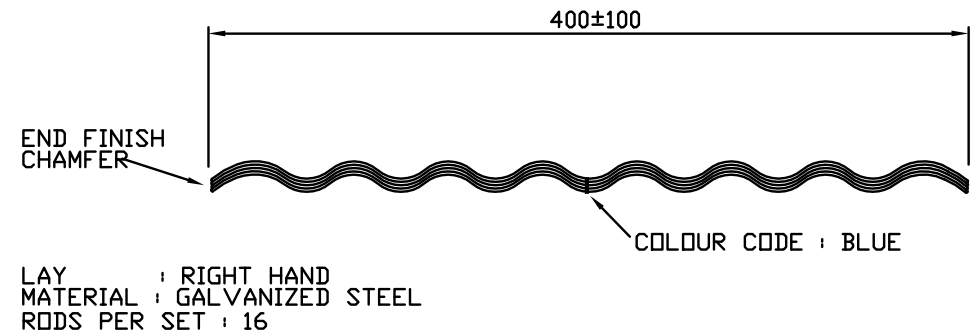
① - OUTER RODS



② - INNER RODS



③ - FILLER RODS



PRODUCT TAPE COLOUR : BLUE

TAPE REQUIRED

A	TD	28/10/93
CHK		
INITIAL ISSUE		
DSC NO.		

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CAT. NO: FTG-175
FULL TENSION GRIP ASSEMBLY



PREFORMED LINE PRODUCTS (AUSTRALIA) PTY. LTD.

DRAWN	TND	PASSED	DATE	28/10/93	SCALE	N.T.S.
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