

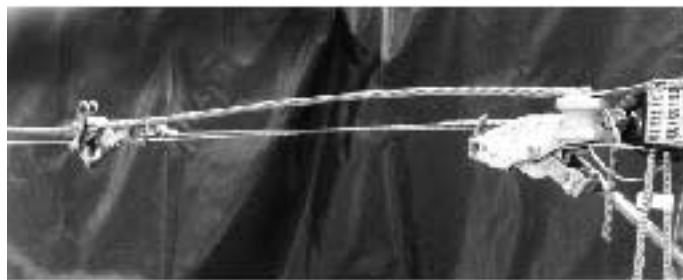


Application Procedure & Safety Considerations

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.

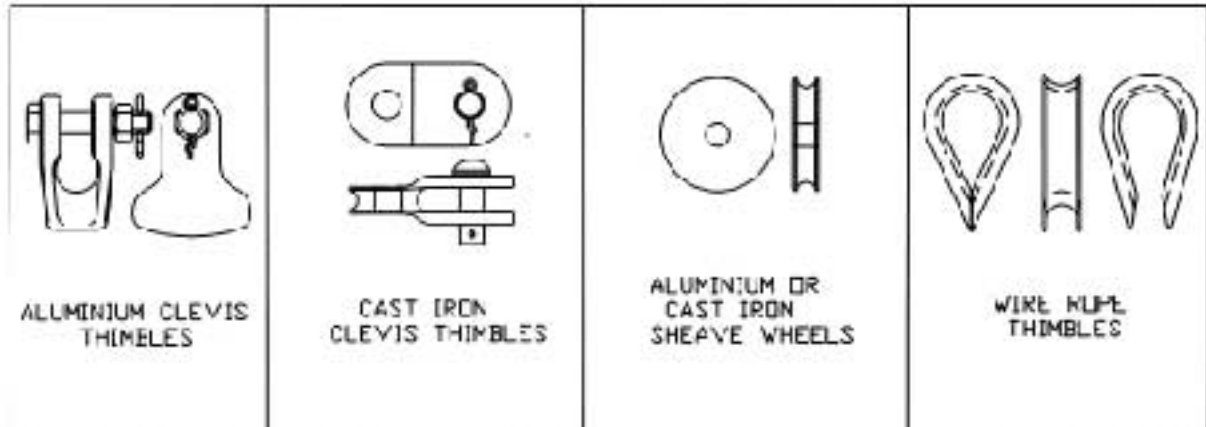


Completed Application

- 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**
A.B.N. 27 004 533 877

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HELIFORMED PRODUCT SPECIFICATION

SPEC PART No
ADE2100

CONDUCTOR RANGE: 20.24 - 21.82

WIRE TYPE: ALUMINIUM ALLOY.

WIRE SPEC: MS10
PART No: 010015
WIRE DIA: 5.40

UNIT WEIGHT: 1.159 kg
TOTAL WEIGHT: kg


OUTSIDE DIA: 27.6 ± 0.4
PITCH LENGTH: 185 ± 2
SHOP LENGTH: 2740 ± 10
LAY: RH
RODS PER SET: 6
RODS PER SUBSET: 6
END FINISH: BALLEND

LOOP DIA: 76 ± 5
DIM "A": 1000 ± 5
DIM "B": 1740 ± 5

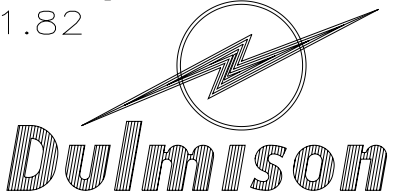
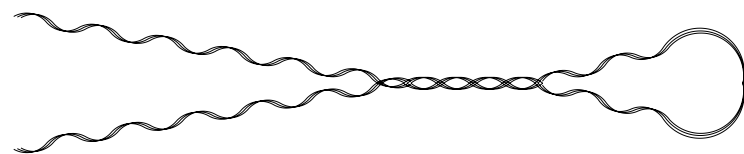
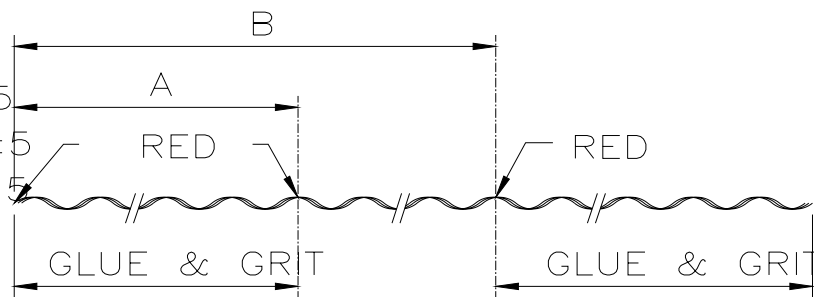
GRIT TYPE
WSK60: YES
WSK90: NO
COPPER CONDUCTIVE: NO
ALUMINIUM CONDUCTIVE: NO

SUBSET GLUE SPEC: MS71
GRITTING GLUE SPEC: MS71

ADE2100
RANGE 20.24 - 21.82
37/3.00 & 19/0.166 AAAC
XLPE 20.24 - 21.82
199? W?????




Heliformed®
ADE2100
(BAR CODE)
ALUMINIUM DEADEND
RANGE 20.24 - 21.82
37/3.00 AAC & AAAC
19/0.166 AAC & AAAC
XLPE 20.24 - 21.82
RED
QTY: ??
W?????

REVERSE BEND

REFERENCE

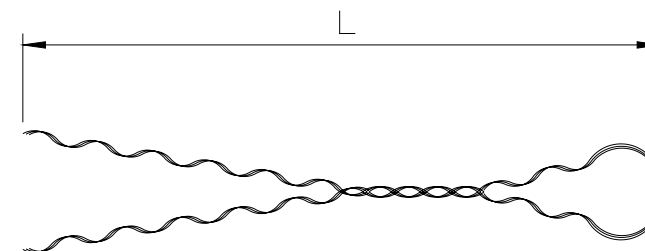
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ALUMINIUM DEADEND RANGE 20.24 - 21.82		DRAWN F.P. 28-09-95	DATE 28-09-95
		CHECKED 1.82	SCALE 1:1
		APPROVED	PROJECTION 3RD ANGLE
tyco / Electronics Energy Division		CAD SPEC PART No	AUTO CAD ADE2100

HELIFORMED TECHNICAL DATA SHEET


DATA PART No
ADE2100

TO SUIT CONDUCTOR:	STRANDING/TYPE	DIAMETER	ROUTER LAY	ISSUES
	19/0.166 AAC & AAAC COVERED CONDUCTOR	37/3.00 AAC & AAAC	21.00	RH
CONDUCTOR RANGE:	20.24 - 21.82			
FITTING MATERIAL:	ALUMINIUM ALLOY.			
FITTING LAY:	RH			
OVERALL LENGTH "L":	1348			
NUMBER OF RODS:	6			
RODS PER SUBSET:	6			
WIRE DIAMETER:	5.40			
END FINISH:	BALLEND			
GRIT:	NONCONDUCTIVE			
CONDUCTOR SIZE/CROSS OVER MARK COLOUR CODE:	RED			
INSULATOR NECK/SHEAVE WHEEL/LOOP DIAMETER:	7.6			



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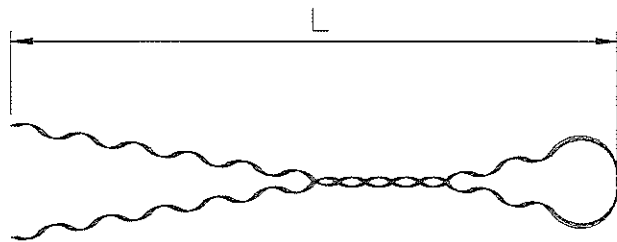
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HELIFORMED TECHNICAL DATA SHEET

DATA PART No
ADE2100

TO SUIT CONDUCTOR:	STRANDING/TYPE	DIAMETER	ROUTER LAY
	37/3.00 AAC & AAAC	21.00	RH
	19/0.166 AAC & AAAC	21.08	RH
	COVERED CONDUCTOR	20.24 - 21.82	
CONDUCTOR RANGE:	20.24 - 21.82		
FITTING MATERIAL:	ALUMINIUM ALLOY.		
FITTING LAY:	RH		
OVERALL LENGTH "L":	1348		
NUMBER OF RODS:	6		
RODS PER SUBSET:	6		
WIRE DIAMETER:	5.40		
END FINISH:	BALLEND		
GRIT:	NONCONDUCTIVE		
CONDUCTOR SIZE/CROSS OVER MARK COLOUR CODE:	RED		
INSULATOR NECK/SHEAVE WHEEL/LOOP DIAMETER:	76		

ISSUES
 ECO 7377, F.P. 28-09-95
 OVERALL LG 1256 WAS 7
 1326. ROD ø5.40 WAS
 ø4.88. COND RANGE 20.24 -
 21.82 WAS 20.49 - 21.54
 ECO 8126 M.B. 27-10-95
 OVERALL LGTH 1348 WAS
 1256
 C.A.G. 22-10-2001
 XLPE CONDUCTOR ADDED



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ALUMINIUM DEADEND RANGE 20.24 - 21.82	DRAWN	DATE
	CHECKED	SCALE
	APPROVED	PROJECTION
	CAD	SPEC PART No
	AUTO CAD	ADE2100

F.P. 28-09-95
 1:1
 3RD ANGLE



PLP (AUSTRALIA) PTY LTD
ENGINEERING DEPARTMENT

DATE – 26TH SEPTEMBER, 2017

TYPE TEST REPORT NO: T9757
TEST REFERENCE NO: T17/24
PAGE 1 of 5

MECHANICAL STRENGTH TYPE TEST

ON:

ALUMINIUM DEADEND RANGE 20.24 - 21.82
37/3.00mm AAAC/1120 "NITROGEN" CONDUCTOR

(PLP Aust. Part No. – D-ADE2100)

Testing Officer:  (Jose-elmer Simeon)

Approved by:  (Florian de Celis, Compliance Manager)

Date Approved: 28/9/17

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AS/NZS ISO9001:2015 BY GLOBAL MARK REGISTER QUALITY ASSURANCE

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