

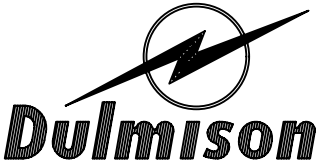
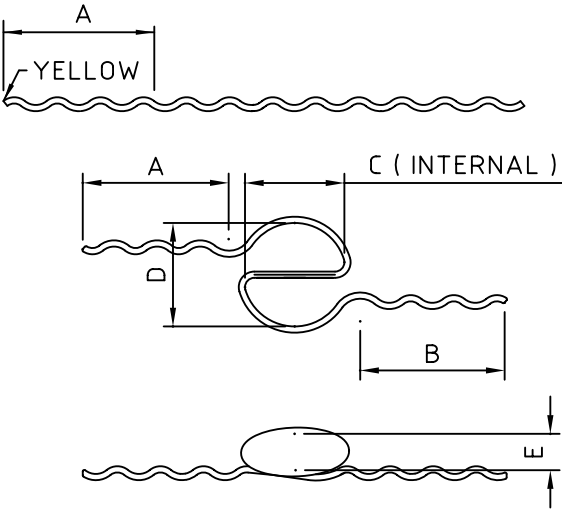

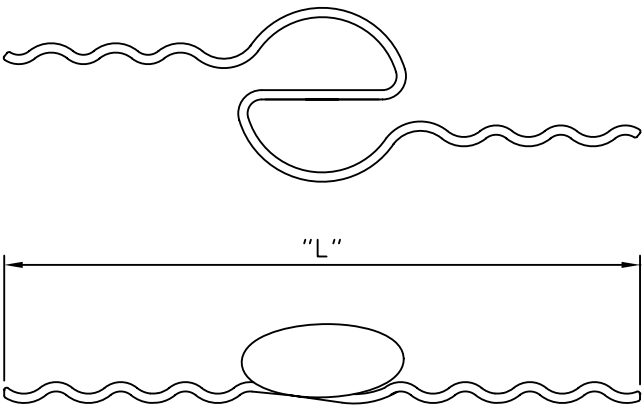



|   |   |  |   |
|---|---|--|---|
| HELIFORMED PRODUCT SPECIFICATION  |   | SPEC PART No<br>PTT18307G  |   |
| CONDUCTOR RANGE:<br>18.3 - 23.3 COVERED CONDUCTOR                                   |   | ISSUES<br>ORIGINAL 1<br>EXTRUDED LENGTH CHANGED TO 1310. UNIT WEIGHT CHANGED TO 0.224. A.P. 20-03-02 2   |   |
| PACKING NOTE:<br>WIRE TYPE: HIGH IMPACT UV RESISTANT PVC - GREY                     |   |  |   |
| PLASTIC SPEC: MS74  | PTT18307G<br>RANGE 18.3 - 23.3<br>UV RESISTANT TOP TIE<br>HIGH IMPACT PVC<br>XX/YY W?????   |    |   |
| PLASTIC PART No: 019004   |   |  |   |
| EXTRUDED DIA: 11.0 ± 0.7  |   |  |   |
| UNIT WEIGHT: 0.224  | <br>PTT18307G<br>(BAR CODE)<br>UV RESISTANT TOP TIE<br>HIGH IMPACT PVC<br>RANGE 18.3 - 23.3<br>COLOUR - GREY<br><br>YELLOW<br>QTY: 40<br>W????? |   |   |
| TOTAL WEIGHT: kg  |   |  |   |
| OUTSIDE DIA: 37.0 ± 0.3   |   | REFERENCE<br><div>NOTICE<br/>THIS DOCUMENT AND THE INFORMATION HEREON IS THE PROPERTY OF DULMISON OR ITS SUCCESSORS. IT MUST NOT BE USED IN ANY WAY DETRIMENTAL TO OUR INTERESTS NOR DISCLOSED TO A THIRD PARTY WITHOUT THE WRITTEN CONSENT OF DULMISON.</div> |   |
| PITCH LENGTH: 75 ± 1  |   |  |   |
| EXTRUDED LENGTH: 1310 ± 10  |   |  |   |
| LAY: RH   |   |  |   |
| RODS PER SET: 1   |   |  |   |
| RODS PER SUBSET: 1  |   |  |   |
| END FINISH: CHAMFERED   |   |  |   |
| LOOP DIA: 76 REF  |   |  |   |
| DIM "A": 300 ± 5  |   |  |   |
| DIM "B": 300 ± 5  |   |  |   |
| DIM "C": 86 ± 5   |   |  |   |
| DIM "D": 79 ± 5   |   |  |   |
| DIM "E": 23 ± 5   |   |  |   |
| HIGH IMPACT, UV RESISTANT PVC - TOP TIE<br>18.3 - 23.3                              |   | DRAWN A.J.T.<br>CHECKED<br>APPROVED  | DATE 29-02-00<br>SCALE N.T.S.<br>PROJECTION 3RD ANGLE |
|  |   | CAD<br>AUTO CAD  | SPEC PART No<br>PTT18307G                             |
| PO Box 156 WYONG<br>N.S.W. 2259.<br>Phone: 043 531211<br>Fax: 043 532470            |   |  |   |

|   |                   |  |   |
|---|-------------------|--|---|
| HELIFORMED TECHNICAL DATA SHEET   |                   | DATA PART No<br>PTT18307G  |   |
| TO SUIT CONDUCTOR:  | STRANDING/TYPE    | DIAMETER   | ISSUES<br>ORIGINAL 1<br>SPEC CHANGE ONLY. A.P. 20-03-02 2 |
|   | CCT - 11KV 120mm2 | 20.9 - 22.4  |   |
|   | CCT - 11KV 80mm2  | 18.3 - 19.4  |   |
| CONDUCTOR RANGE:  |                   | 18.3 - 23.3  |   |
| FITTING MATERIAL:   |                   | HIGH IMPACT, UV RESISTANT PVC  |   |
| FITTING LAY:  |                   | RH   |   |
| OVERALL LENGTH "L":   |                   | 720  |   |
| NUMBER OF RODS:   |                   | 1  |   |
| EXTRUSION DIAMETER:   |                   | 11.0   |   |
| END FINISH:   |                   | CHAMFERED  |   |
| COLOUR  |                   | GREY   |   |
| INSULATOR NECK/SHEAVE WHEEL/LOOP DIAMETER:  |                   | 76   |   |
|  |                   | REFERENCE<br><div>NOTICE<br/>THIS DOCUMENT AND THE INFORMATION HEREON IS THE PROPERTY OF DULMISON OR ITS SUCCESSORS. IT MUST NOT BE USED IN ANY WAY DETRIMENTAL TO OUR INTERESTS NOR DISCLOSED TO A THIRD PARTY WITHOUT THE WRITTEN CONSENT OF DULMISON.</div> |   |
|   |                   |  |   |
| HIGH IMPACT, UV RESISTANT PVC - TOP TIE<br>18.3 - 23.3                                |                   | DRAWN A.J.T.<br>CHECKED<br>APPROVED  | DATE 29-02-00<br>SCALE N.T.S.<br>PROJECTION 3RD ANGLE     |
|  |                   | CAD<br>AUTO CAD  | DATA PART No<br>PTT18307G                                 |
| PO Box 156 WYONG<br>N.S.W. 2259.<br>Phone: 043 531211<br>Fax: 043 532470              |                   |  |   |

# TEST CERTIFICATE

## Dulmison Australia

Dulmison Avenue, North Wyong  
PO Box 156, Wyong  
NSW 2259 Australia  
Telephone: 61-2-4390 1111  
Facsimile: 61-2-4353 2497  
A Division of Dulmison Pty. Limited  
A.C.N. 000 129 573



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## TYPE TEST CERTIFICATE

Type Test Certificate No:T1486

Test Date:14/12/00

Test Ref:00/222 & 223

**FITTING:** PVC Top Tie.

### Test Description

Support Fitting Mechanical Strength Test.  
Holding Tension (withstand slip) Test.  
Failing Load Test.

### Fitting Details

|                      |                               |
|----------------------|-------------------------------|
| Cat. No:             | PTT18307G                     |
| Specification No:    | PTT18307G/1                   |
| Fitting Material:    | High Impact, UV Resistant PVC |
| Diameter of rods:    | 11.0mm                        |
| Lay:                 | R.H.L.                        |
| Overall Length:      | 720mm                         |
| Insulator Neck Size: | 76mm                          |

### Test Quantity:

Sample quantity: 9 (NINE).

### Relevant Standard for Testing:

Australian Standard AS1154.3, Clause 3.2.1. Holding Tension (withstand slip) test, Clause 3.2.2.2., Failing Load Test.



### **NATA Endorsed Document**

*The tests, calibrations or measurements covered by this document have been performed in accordance with NATA requirements, which include the requirements of ISO/IEC Guide 25:1990, and are traceable to Australian national standards of measurement.*

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