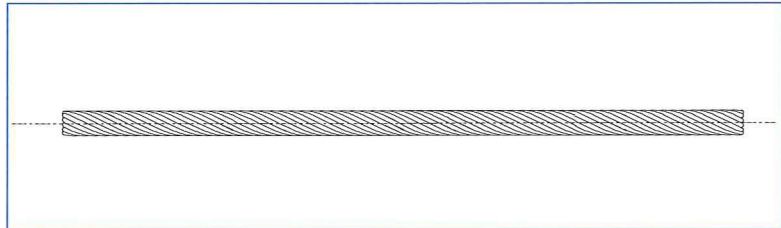


## JOINTING, REPAIR AND PROTECTION

### *PREFORMED™ Armour Rods*



#### Application

The PREFORMED™ Armour Rods are intended to protect conductors/strands against bending, compression, abrasion and arcover damage and to provide restorative repair.

The degree of protection needed on a specific line depends upon a number of factors, such as line design, temperature, tension, exposure to wind flow and vibration history on similar construction in the same area. As a general guide the following recommendations may be adapted to the specific conditions:

Armour Rods are recommended as minimum protection for clamp-type supports and suspensions.

Armour Rods are recommended as minimum protection for hand tied spans of 90m or more.

Line Guards are recommended as minimum protection for hand tied spans of less than 90m in urban construction having no experience of vibration.

Spiral Vibration Dampers should be considered in areas experiencing a history of vibration problems and for distribution conductor spans exceeding 115m.

Distribution Ties are recommended as being superior to Armour Rod hand tie combinations in providing protection from abrasion and equivalent in providing protection from vibration fatigue.

Armor Grip Suspensions are recommended as being superior to Armour Rod clamp combinations in providing protection from bending stress, compression stress and abrasion.

PREFORMED™ Armour Rods may be used to restore full conductivity and mechanical strength to conductors/strands where damage does not exceed approximately 50% of the outer strand layer and when located at point of support or within the mid span area and is located within the centre third section of the repair fitting. Refer to section Armour Splice for repair of damage in the support area.

Refer to section Armour Splice for repair of damage in the support area.

Consult our representative or our sales department, Andover, for repair capability of specific strandings.

See also the Repair Chart in this section giving comparative details of PLP repair fittings.

Tapping over applied Armour Rods is permissible.

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# JOINTING, REPAIR AND PROTECTION

## *PREFORMED™ Armour Rods*

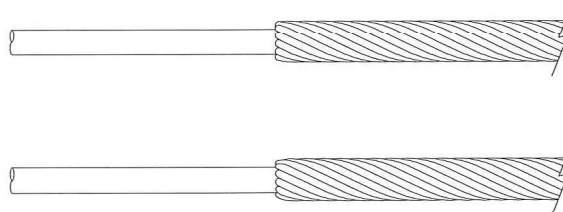
Cleaning and preparation: Optimum electrical performance from Armour Rods used as tap armour can only be achieved if the following instructions are observed:

**Wire Brushing:** All conductors, new or weathered, **MUST** be thoroughly wire brushed before Armour Rods are applied.

**Inhibitors:** All conductors, new or weathered, **MUST** be coated with quality inhibitor along the area where the Armour Rod is to be applied. Armour Rods **MUST NOT** be re-used after original application. After application of the correct number of rods per set a slight gap between the rods should be present.

Apply no more than half the number of rods per set at a time on smaller size conductors/strands. On sizes 13.2 mm diameter and larger, do not attempt to apply more than four rods at one time. The alignment of the ends of the rods should be maintained within 50 mm.

When armouring is required for double support of conductor, the rods are longer than for single support. If the distance between supports exceeds 305m contact PLP (GB) Ltd for further information.



Armour Rods are ball ended. For extra high voltage Parrot Bill ends are supplied.

### Construction

PREFORMED™ Armour Rods are made of material compatible with the strand to which they are applied.

### Lay Direction

The lay direction must be the same as that of the outer stranding of the conductor to which it is applied.

### Product Referencing and Ordering

Contact PLP (GB) Ltd with the following information:-

- Quantity
- Catalogue number
- Product Name
- Strand: Material
  - Diameter
  - Rated breaking strength
  - Lay direction
- Line voltage
- Special requirements eg. Parrot Billed, Double Support

# JOINTING, REPAIR AND PROTECTION

*PREFORMED™ Armour Rods-Aluminium Alloy*

| CATALOGUE<br>No. | CONDUCTOR DIAMETER<br>mm |       | COLOUR<br>CODE | LENGTH<br>mm | RODS<br>PER SET | ROD<br>DIAMETER | APPROX WEIGHT<br>KGS PER 100 |
|------------------|--------------------------|-------|----------------|--------------|-----------------|-----------------|------------------------------|
|                  | MIN                      | MAX   |                |              |                 |                 |                              |
| AR0201201        | 3.38                     | 3.60  | WHITE          | 914          | 6               | 2.64            | 9                            |
| AR0201202        | 3.61                     | 3.83  | BROWN          | 914          | 6               | 2.64            | 9                            |
| AR0201203        | 3.84                     | 4.08  | ORANGE         | 914          | 6               | 2.64            | 9                            |
| AR0201204        | 4.09                     | 4.36  | GREEN          | 914          | 7               | 2.64            | 10                           |
| AR0201205        | 4.37                     | 4.61  | YELLOW         | 914          | 7               | 2.64            | 10                           |
| AR0201206        | 4.62                     | 4.91  | PURPLE         | 914          | 7               | 2.95            | 13                           |
| AR0201207        | 4.92                     | 5.27  | BLUE           | 1016         | 7               | 2.95            | 14                           |
| AR0201208        | 5.28                     | 5.58  | BLACK          | 1016         | 7               | 3.25            | 17                           |
| AR0201209        | 5.59                     | 5.81  | WHITE          | 1016         | 7               | 3.25            | 17                           |
| AR0201210        | 5.82                     | 6.19  | BROWN          | 1016         | 7               | 3.25            | 17                           |
| AR0201211        | 6.20                     | 6.59  | ORANGE         | 1016         | 7               | 3.66            | 21                           |
| AR0201212        | 6.60                     | 6.95  | GREEN          | 1067         | 7               | 3.66            | 23                           |
| AR0201213        | 6.96                     | 7.36  | YELLOW         | 1067         | 8               | 3.66            | 26                           |
| AR0201214        | 7.37                     | 7.84  | PURPLE         | 1067         | 8               | 3.66            | 26                           |
| AR0201215        | 7.85                     | 8.30  | RED            | 1118         | 8               | 3.66            | 27                           |
| AR0201216        | 8.31                     | 8.80  | BLUE           | 1168         | 9               | 3.66            | 32                           |
| AR0201217        | 8.81                     | 9.31  | BLACK          | 1219         | 9               | 3.66            | 33                           |
| AR0201218        | 9.32                     | 9.90  | WHITE          | 1270         | 10              | 3.66            | 38                           |
| AR0201219        | 9.91                     | 10.51 | YELLOW         | 1321         | 9               | 4.06            | 44                           |
| AR0201220        | 10.52                    | 11.09 | BROWN          | 1321         | 10              | 4.06            | 49                           |
| AR0201221        | 11.10                    | 11.78 | BLUE           | 1372         | 10              | 4.06            | 51                           |
| AR0201222        | 11.79                    | 12.46 | GREEN          | 1372         | 10              | 4.06            | 51                           |
| AR0201223        | 12.47                    | 13.25 | ORANGE         | 1422         | 11              | 4.06            | 58                           |
| AR0201224        | 13.26                    | 14.01 | PURPLE         | 1473         | 11              | 4.47            | 73                           |
| AR0201225        | 14.02                    | 14.87 | RED            | 1524         | 11              | 4.47            | 75                           |
| AR0201226        | 14.88                    | 15.41 | BLACK          | 1575         | 12              | 4.47            | 85                           |
| AR0201227        | 15.42                    | 16.02 | WHITE          | 1626         | 12              | 4.47            | 88                           |
| AR0201228        | 16.03                    | 16.65 | YELLOW         | 1626         | 12              | 4.88            | 104                          |
| AR0201229        | 16.66                    | 17.26 | BROWN          | 1676         | 12              | 4.88            | 108                          |
| AR0201230        | 17.27                    | 17.87 | BLUE           | 1727         | 12              | 4.88            | 111                          |
| AR0201231        | 17.88                    | 18.81 | GREEN          | 1829         | 12              | 5.38            | 143                          |
| AR0201232        | 18.82                    | 19.88 | ORANGE         | 1829         | 12              | 5.38            | 143                          |
| AR0201233        | 19.89                    | 20.69 | PURPLE         | 1930         | 11              | 6.40            | 196                          |
| AR0201234        | 20.70                    | 21.48 | RED            | 1930         | 11              | 6.40            | 196                          |
| AR0201235        | 21.49                    | 23.05 | BLUE           | 1981         | 12              | 6.40            | 219                          |
| AR0201236        | 23.06                    | 23.61 | GREEN          | 2032         | 12              | 6.40            | 225                          |
| AR0201237        | 23.62                    | 24.81 | WHITE          | 2235         | 13              | 6.40            | 268                          |
| AR0201238        | 24.82                    | 25.82 | YELLOW         | 2337         | 11              | 7.62            | 336                          |
| AR0201239        | 25.83                    | 26.30 | BROWN          | 2388         | 12              | 7.62            | 374                          |
| AR0201240        | 26.31                    | 27.04 | BLUE           | 2438         | 12              | 7.62            | 382                          |
| AR0201241        | 27.05                    | 27.91 | GREEN          | 2438         | 12              | 7.62            | 382                          |
| AR0201242        | 27.92                    | 28.95 | ORANGE         | 2540         | 12              | 8.23            | 464                          |
| AR0201243        | 28.96                    | 29.51 | PURPLE         | 2540         | 12              | 8.23            | 464                          |
| AR0201244        | 29.52                    | 30.70 | RED            | 2540         | 12              | 8.23            | 464                          |

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## SUSPENSION AND SUPPORT

*PREFORMED™ Armour Rods-Aluminium Alloy*

| CATALOGUE<br>No. | CONDUCTOR DIAMETER<br>mm |       | COLOUR<br>CODE | LENGTH<br>mm | RODS<br>PER SET | ROD<br>DIAMETER | APPROX WEIGHT<br>KGS PER 100 |
|------------------|--------------------------|-------|----------------|--------------|-----------------|-----------------|------------------------------|
|                  | MIN                      | MAX   |                |              |                 |                 |                              |
| AR0201245        | 30.71                    | 32.25 | BLACK          | 2540         | 12              | 8.84            | 535                          |
| AR0201246        | 32.26                    | 33.72 | WHITE          | 2540         | 12              | 9.27            | 612                          |
| AR0201247        | 33.73                    | 35.32 | YELLOW         | 2540         | 12              | 9.27            | 612                          |
| AR0201248        | 35.33                    | 36.59 | BROWN          | 2540         | 11              | 11.07           | 757                          |
| AR0201249        | 36.60                    | 38.32 | BLUE           | 2540         | 12              | 11.07           | 825                          |
| AR0201250        | 38.33                    | 40.10 | GREEN          | 2540         | 12              | 11.07           | 825                          |
| AR0201251        | 40.11                    | 41.95 | ORANGE         | 2540         | 13              | 11.07           | 894                          |
| AR0201252        | 41.96                    | 43.91 | PURPLE         | 2540         | 13              | 11.07           | 894                          |
| AR0201253        | 43.92                    | 45.96 | RED            | 2540         | 14              | 11.07           | 963                          |
| AR0201254        | 45.97                    | 48.23 | BLACK          | 2540         | 14              | 11.07           | 963                          |
| AR0201255        | 48.24                    | 50.59 | WHITE          | 2540         | 15              | 11.07           | 1031                         |
| AR0201256        | 50.60                    | 53.10 | YELLOW         | 2540         | 15              | 11.07           | 1031                         |

For use on Aluminium Based Conductors

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# JOINTING, REPAIR AND PROTECTION

*PREFORMED™ Armour Rods-Copper Alloy*

| CATALOGUE<br>No. | CONDUCTOR DIAMETER<br>mm |       | COLOUR<br>CODE | LENGTH<br>mm | RODS<br>PER SET | ROD<br>DIAMETER | APPROX WEIGHT<br>KGS PER 100 |
|------------------|--------------------------|-------|----------------|--------------|-----------------|-----------------|------------------------------|
|                  | MIN                      | MAX   |                |              |                 |                 |                              |
| AR0101001        | 3.43                     | 3.65  | BLACK          | 864          | 7               | 2.03            | 19                           |
| AR0101002        | 3.66                     | 3.88  | BLUE           | 914          | 7               | 2.34            | 27                           |
| AR0101003        | 3.89                     | 4.05  | GREY           | 965          | 7               | 2.34            | 28                           |
| AR0101004        | 4.06                     | 4.28  | GREEN          | 965          | 7               | 2.64            | 36                           |
| AR0101005        | 4.29                     | 4.54  | RED            | 1016         | 7               | 2.64            | 38                           |
| AR0101006        | 4.55                     | 4.79  | BLACK          | 1016         | 7               | 2.64            | 38                           |
| AR0101007        | 4.80                     | 4.97  | BLUE           | 1016         | 7               | 2.64            | 38                           |
| AR0101008        | 4.98                     | 5.27  | GREY           | 1016         | 8               | 2.64            | 43                           |
| AR0101009        | 5.28                     | 5.53  | GREEN          | 1016         | 8               | 2.64            | 43                           |
| AR0101010        | 5.54                     | 5.73  | RED            | 1016         | 8               | 2.64            | 43                           |
| AR0101011        | 5.74                     | 6.01  | BLACK          | 1016         | 8               | 2.64            | 43                           |
| AR0101012        | 6.02                     | 6.34  | BLUE           | 1067         | 9               | 2.64            | 51                           |
| AR0101013        | 6.35                     | 6.69  | GREY           | 1067         | 9               | 2.64            | 51                           |
| AR0101014        | 6.70                     | 7.05  | GREEN          | 1067         | 9               | 2.64            | 51                           |
| AR0101015        | 7.06                     | 7.51  | RED            | 1067         | 10              | 2.64            | 57                           |
| AR0101016        | 7.52                     | 7.99  | BLACK          | 1118         | 9               | 2.95            | 67                           |
| AR0101017        | 8.00                     | 8.47  | BLUE           | 1168         | 9               | 3.25            | 80                           |
| AR0101018        | 8.48                     | 8.96  | GREY           | 1219         | 9               | 3.25            | 87                           |
| AR0101019        | 8.97                     | 9.46  | GREEN          | 1270         | 10              | 3.25            | 101                          |
| AR0101020        | 9.47                     | 9.97  | RED            | 1321         | 9               | 3.66            | 119                          |
| AR0101021        | 9.98                     | 10.38 | BLACK          | 1321         | 10              | 3.66            | 132                          |
| AR0101022        | 10.39                    | 10.81 | BLUE           | 1372         | 10              | 3.66            | 137                          |
| AR0101023        | 10.82                    | 11.44 | GREY           | 1372         | 10              | 4.06            | 173                          |
| AR0101024        | 11.45                    | 12.11 | GREEN          | 1422         | 10              | 4.06            | 180                          |
| AR0101025        | 12.12                    | 12.82 | RED            | 1422         | 11              | 4.06            | 197                          |
| AR0101026        | 12.83                    | 13.58 | BLACK          | 1473         | 11              | 4.06            | 205                          |
| AR0101027        | 13.59                    | 14.37 | BLUE           | 1473         | 12              | 4.06            | 223                          |
| AR0101028        | 14.38                    | 15.05 | GREY           | 1524         | 12              | 4.06            | 230                          |
| AR0101029        | 15.06                    | 15.89 | GREEN          | 1524         | 13              | 4.06            | 250                          |
| AR0101030        | 15.90                    | 16.93 | RED            | 1575         | 12              | 4.47            | 291                          |
| AR0101031        | 16.94                    | 17.82 | BLACK          | 1575         | 13              | 4.47            | 316                          |
| AR0101032        | 17.83                    | 18.68 | BLUE           | 1626         | 13              | 4.47            | 326                          |
| AR0101033        | 18.69                    | 19.49 | GREY           | 1626         | 14              | 4.47            | 351                          |
| AR0101034        | 19.50                    | 20.28 | GREEN          | 1676         | 13              | 4.88            | 390                          |
| AR0101035        | 20.29                    | 21.38 | RED            | 1727         | 14              | 4.88            | 433                          |
| AR0101036        | 21.39                    | 22.62 | BLACK          | 1778         | 13              | 5.38            | 500                          |
| AR0101037        | 22.63                    | 23.89 | BLUE           | 1829         | 14              | 5.38            | 554                          |
| AR0101038        | 23.90                    | 25.29 | GREY           | 1880         | 14              | 5.89            | 683                          |
| AR0101039        | 25.30                    | 26.81 | GREEN          | 1930         | 14              | 5.89            | 701                          |
| AR0101040        | 26.82                    | 28.46 | RED            | 2032         | 14              | 6.40            | 868                          |
| AR0101041        | 28.47                    | 30.14 | BLACK          | 2083         | 15              | 6.40            | 954                          |
| AR0101042        | 30.15                    | 31.97 | BLUE           | 2134         | 14              | 7.01            | 1046                         |
| AR0101043        | 31.98                    | 33.89 | GREY           | 2184         | 14              | 7.62            | 1211                         |
| AR0101044        | 33.90                    | 36.02 | GREEN          | 2286         | 14              | 8.23            | 1412                         |

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# JOINTING, REPAIR AND PROTECTION

*PREFORMED™ Armour Rods-Copper Covered Steel*

| CATALOGUE<br>No. | CONDUCTOR DIAMETER<br>mm |       | COLOUR<br>CODE | LENGTH<br>mm | RODS<br>PER SET | ROD<br>DIAMETER | APPROX WEIGHT<br>KGS PER 100 |
|------------------|--------------------------|-------|----------------|--------------|-----------------|-----------------|------------------------------|
|                  | MIN                      | MAX   |                |              |                 |                 |                              |
| AR0401601        | 3.43                     | 3.65  | ORANGE         | 864          | 7               | 2.03            | 17                           |
| AR0401602        | 3.66                     | 3.88  | YELLOW         | 914          | 7               | 2.34            | 24                           |
| AR0401603        | 3.89                     | 4.05  | BLACK          | 965          | 7               | 2.34            | 25                           |
| AR0401604        | 4.06                     | 4.28  | WHITE          | 965          | 7               | 2.64            | 32                           |
| AR0401605        | 4.29                     | 4.54  | RED            | 1016         | 7               | 2.64            | 34                           |
| AR0401606        | 4.55                     | 4.79  | BLUE           | 1016         | 7               | 2.64            | 34                           |
| AR0401607        | 4.80                     | 4.97  | GREEN          | 1016         | 7               | 2.64            | 34                           |
| AR0401608        | 4.98                     | 5.27  | GREY           | 1016         | 7               | 2.64            | 34                           |
| AR0401609        | 5.28                     | 5.53  | ORANGE         | 1016         | 8               | 2.64            | 39                           |
| AR0401610        | 5.54                     | 5.73  | RED            | 1016         | 8               | 2.64            | 39                           |
| AR0401611        | 5.74                     | 6.01  | BLACK          | 1016         | 8               | 2.64            | 39                           |
| AR0401612        | 6.02                     | 6.34  | BLUE           | 1067         | 9               | 2.64            | 45                           |
| AR0401613        | 6.35                     | 6.69  | YELLOW         | 1067         | 9               | 2.64            | 45                           |
| AR0401614        | 6.70                     | 7.05  | GREEN          | 1067         | 9               | 2.64            | 45                           |
| AR0401615        | 7.06                     | 7.51  | RED            | 1067         | 10              | 2.64            | 50                           |
| AR0401616        | 7.52                     | 7.99  | BLACK          | 1118         | 9               | 2.95            | 59                           |
| AR0401617        | 8.00                     | 8.47  | BLUE           | 1168         | 9               | 3.25            | 75                           |
| AR0401618        | 8.48                     | 8.96  | GREY           | 1219         | 9               | 3.25            | 79                           |
| AR0401619        | 8.97                     | 9.46  | GREEN          | 1270         | 10              | 3.25            | 91                           |
| AR0401620        | 9.47                     | 9.97  | RED            | 1321         | 9               | 3.66            | 108                          |
| AR0401621        | 9.98                     | 10.38 | YELLOW         | 1321         | 10              | 3.66            | 120                          |
| AR0401622        | 10.39                    | 10.81 | BLUE           | 1372         | 10              | 3.66            | 124                          |
| AR0401623        | 10.82                    | 11.44 | GREY           | 1372         | 10              | 4.06            | 154                          |
| AR0401624        | 11.45                    | 12.11 | ORANGE         | 1422         | 10              | 4.06            | 159                          |
| AR0401625        | 12.12                    | 12.82 | RED            | 1422         | 11              | 4.06            | 175                          |
| AR0401626        | 12.83                    | 13.58 | BLACK          | 1473         | 11              | 4.06            | 181                          |
| AR0401627        | 13.59                    | 14.37 | BLUE           | 1473         | 12              | 4.06            | 198                          |
| AR0401628        | 14.38                    | 15.05 | GREY           | 1524         | 12              | 4.06            | 205                          |
| AR0401629        | 15.06                    | 15.89 | GREEN          | 1524         | 13              | 4.06            | 222                          |
| AR0401630        | 15.90                    | 16.93 | RED            | 1575         | 12              | 4.47            | 274                          |
| AR0401631        | 16.94                    | 17.82 | BLUE           | 1575         | 13              | 4.47            | 296                          |
| AR0401632        | 17.83                    | 18.68 | GREEN          | 1626         | 13              | 4.47            | 306                          |
| AR0401633        | 18.69                    | 19.49 | ORANGE         | 1626         | 14              | 4.47            | 330                          |
| AR0401634        | 19.50                    | 20.28 | YELLOW         | 1676         | 14              | 4.47            | 340                          |
| AR0401635        | 20.29                    | 21.38 | BLACK          | 1727         | 15              | 4.47            | 375                          |
| AR0401636        | 21.39                    | 22.62 | WHITE          | 1804         | 14              | 5.38            | 454                          |
| AR0401637        | 22.63                    | 23.89 | RED            | 1829         | 15              | 5.38            | 501                          |
| AR0401638        | 23.90                    | 25.29 | BLUE           | 1880         | 14              | 5.89            | 606                          |
| AR0401639        | 25.30                    | 26.81 | GREEN          | 1930         | 15              | 5.89            | 666                          |
| AR0401640        | 26.82                    | 28.46 | ORANGE         | 2032         | 14              | 6.40            | 825                          |
| AR0401641        | 28.47                    | 30.12 | YELLOW         | 2083         | 15              | 6.40            | 907                          |

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For use on Copper Covered Steel Conductors

## JOINTING, REPAIR AND PROTECTION

*PREFORMED™ Armour Rods-Galvanised Steel*

| CATALOGUE<br>No. | CONDUCTOR DIAMETER<br>mm |       | COLOUR<br>CODE | LENGTH<br>mm | RODS<br>PER SET | ROD<br>DIAMETER | APPROX WEIGHT<br>KGS PER 100 |
|------------------|--------------------------|-------|----------------|--------------|-----------------|-----------------|------------------------------|
|                  | MIN                      | MAX   |                |              |                 |                 |                              |
| AR0301401        | 3.43                     | 3.60  | YELLOW         | 510          | 7               | 1.83            | 8                            |
| AR0301402        | 3.61                     | 3.83  | BLUE           | 530          | 7               | 1.83            | 9                            |
| AR0301403        | 3.84                     | 4.08  | BLACK          | 559          | 8               | 1.83            | 10                           |
| AR0301404        | 4.09                     | 4.36  | ORANGE         | 584          | 8               | 1.83            | 10                           |
| AR0301405        | 4.37                     | 4.61  | GREEN          | 610          | 8               | 2.03            | 13                           |
| AR0301406        | 4.62                     | 4.92  | RED            | 635          | 9               | 2.03            | 15                           |
| AR0301407        | 4.93                     | 5.27  | BLACK          | 660          | 9               | 2.03            | 16                           |
| AR0301408        | 5.28                     | 5.60  | GREEN          | 686          | 9               | 2.03            | 17                           |
| AR0301409        | 5.61                     | 5.81  | YELLOW         | 711          | 9               | 2.03            | 17                           |
| AR0301410        | 5.82                     | 6.19  | BLUE           | 737          | 9               | 2.34            | 24                           |
| AR0301411        | 6.20                     | 6.59  | ORANGE         | 762          | 9               | 2.34            | 25                           |
| AR0301412        | 6.60                     | 6.95  | GREEN          | 787          | 9               | 2.64            | 32                           |
| AR0301413        | 6.96                     | 7.36  | YELLOW         | 813          | 9               | 2.64            | 34                           |
| AR0301414        | 7.37                     | 7.84  | BLUE           | 838          | 10              | 2.64            | 38                           |
| AR0301415        | 7.85                     | 8.30  | BLACK          | 864          | 10              | 2.64            | 39                           |
| AR0301416        | 8.31                     | 8.80  | GREEN          | 889          | 11              | 2.64            | 44                           |
| AR0301417        | 8.81                     | 9.49  | BLUE           | 914          | 11              | 2.64            | 46                           |
| AR0301418        | 9.50                     | 9.90  | ORANGE         | 940          | 11              | 2.95            | 58                           |
| AR0301419        | 9.91                     | 10.51 | BLACK          | 965          | 11              | 2.95            | 60                           |
| AR0301420        | 10.52                    | 11.09 | YELLOW         | 991          | 12              | 2.95            | 67                           |
| AR0301421        | 11.10                    | 11.78 | GREEN          | 1016         | 12              | 3.25            | 84                           |
| AR0301422        | 11.79                    | 12.46 | ORANGE         | 1041         | 11              | 3.66            | 100                          |
| AR0301423        | 12.47                    | 13.25 | BLUE           | 1067         | 12              | 3.66            | 111                          |
| AR0301424        | 13.26                    | 14.01 | RED            | 1092         | 11              | 4.06            | 141                          |
| AR0301425        | 14.02                    | 14.87 | YELLOW         | 1118         | 12              | 4.06            | 145                          |
| AR0301426        | 14.88                    | 15.76 | GREEN          | 1143         | 12              | 4.47            | 178                          |
| AR0301427        | 15.77                    | 16.53 | BLACK          | 1168         | 12              | 4.47            | 183                          |
| AR0301428        | 16.54                    | 17.87 | BLUE           | 1194         | 12              | 4.88            | 222                          |
| AR0301429        | 17.88                    | 18.99 | ORANGE         | 1219         | 12              | 5.38            | 277                          |
| AR0301430        | 19.00                    | 20.13 | GREEN          | 1245         | 12              | 5.38            | 283                          |

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For use on Galvanised Steel Conductors

## JOINTING, REPAIR AND PROTECTION

*PREFORMED™ Armour Rods-Aluminium Covered Steel*

| CATALOGUE<br>No. | CONDUCTOR DIAMETER<br>mm |       | COLOUR<br>CODE | LENGTH<br>mm | RODS<br>PER SET | ROD<br>DIAMETER | APPROX WEIGHT<br>KGS PER 100 |
|------------------|--------------------------|-------|----------------|--------------|-----------------|-----------------|------------------------------|
|                  | MIN                      | MAX   |                |              |                 |                 |                              |
| AR0501801        | 3.43                     | 3.65  | RED            | 864          | 7               | 2.03            | 18                           |
| AR0501802        | 3.66                     | 3.88  | BLUE           | 914          | 7               | 2.34            | 19                           |
| AR0501803        | 3.89                     | 4.05  | GREEN          | 965          | 7               | 2.34            | 20                           |
| AR0501804        | 4.06                     | 4.28  | YELLOW         | 965          | 7               | 2.34            | 20                           |
| AR0501805        | 4.29                     | 4.54  | ORANGE         | 1016         | 7               | 2.64            | 26                           |
| AR0501806        | 4.55                     | 4.79  | BLACK          | 1016         | 7               | 2.64            | 26                           |
| AR0501807        | 4.80                     | 4.97  | RED            | 1016         | 7               | 2.64            | 26                           |
| AR0501808        | 4.98                     | 5.27  | BLACK          | 1016         | 7               | 2.64            | 26                           |
| AR0501809        | 5.28                     | 5.53  | BLUE           | 1016         | 8               | 2.64            | 30                           |
| AR0501810        | 5.54                     | 5.73  | GREEN          | 1016         | 8               | 2.64            | 30                           |
| AR0501811        | 5.74                     | 6.01  | ORANGE         | 1016         | 8               | 2.64            | 30                           |
| AR0501812        | 6.02                     | 6.34  | YELLOW         | 1016         | 9               | 2.64            | 34                           |
| AR0501813        | 6.35                     | 6.69  | BLACK          | 1067         | 8               | 2.95            | 40                           |
| AR0501814        | 6.70                     | 7.05  | BLUE           | 1067         | 9               | 2.95            | 45                           |
| AR0501815        | 7.06                     | 7.51  | WHITE          | 1118         | 9               | 2.95            | 47                           |
| AR0501816        | 7.52                     | 7.99  | BLACK          | 1168         | 9               | 2.95            | 49                           |
| AR0501817        | 8.00                     | 8.47  | RED            | 1219         | 10              | 2.95            | 57                           |
| AR0501818        | 8.48                     | 8.96  | YELLOW         | 1270         | 10              | 2.95            | 59                           |
| AR0501819        | 8.97                     | 9.46  | BLUE           | 1270         | 10              | 3.25            | 75                           |
| AR0501820        | 9.47                     | 9.97  | ORANGE         | 1270         | 10              | 3.25            | 75                           |
| AR0501821        | 9.98                     | 10.38 | GREEN          | 1321         | 11              | 3.25            | 85                           |
| AR0501822        | 10.39                    | 10.81 | YELLOW         | 1372         | 11              | 3.25            | 89                           |
| AR0501823        | 10.82                    | 11.44 | GREEN          | 1422         | 12              | 3.25            | 101                          |
| AR0501824        | 11.45                    | 12.11 | RED            | 1422         | 11              | 3.66            | 116                          |
| AR0501825        | 12.12                    | 12.81 | BLUE           | 1422         | 11              | 3.66            | 116                          |
| AR0501826        | 12.83                    | 13.58 | BLACK          | 1473         | 11              | 4.06            | 151                          |
| AR0501827        | 13.59                    | 14.37 | YELLOW         | 1473         | 12              | 4.06            | 164                          |
| AR0501828        | 14.38                    | 15.05 | GREEN          | 1524         | 11              | 4.62            | 200                          |
| AR0501829        | 15.06                    | 15.89 | BLACK          | 1524         | 11              | 4.62            | 200                          |
| AR0501830        | 15.90                    | 16.93 | BLUE           | 1575         | 11              | 5.18            | 258                          |
| AR0501831        | 16.94                    | 17.82 | RED            | 1575         | 11              | 5.18            | 260                          |
| AR0501832        | 17.83                    | 18.68 | BLUE           | 1626         | 12              | 5.18            | 292                          |
| AR0501833        | 18.69                    | 19.49 | GREEN          | 1626         | 12              | 5.18            | 294                          |
| AR0501834        | 19.50                    | 20.28 | ORANGE         | 1676         | 13              | 5.18            | 327                          |
| AR0501835        | 20.29                    | 21.38 | YELLOW         | 1727         | 13              | 5.18            | 334                          |
| AR0501836        | 21.39                    | 22.62 | BLACK          | 1804         | 14              | 5.18            | 371                          |
| AR0501837        | 22.63                    | 23.89 | WHITE          | 1829         | 15              | 5.18            | 409                          |
| AR0501838        | 23.90                    | 25.29 | RED            | 1880         | 15              | 5.18            | 419                          |
| AR0501839        | 25.30                    | 26.80 | BLUE           | 1930         | 15              | 5.89            | 544                          |

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For use on Aluminium Covered Steel Conductors