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## FEATURES

- Silver plated copper conductor
- PTFE Insulation to BS3G 210
- Various wire sizes and strands
- Multiple colours, including orange, blue, white and red

# RS PRO Harsh Environment Wire

RS Stock No.: 841-7254



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

# Harsh Environment Wire

## Product Description

Brought to you by RS PRO, a range of wire and cables which excel within harsh environments. In areas where contamination causes an issue, such as oils, acids or excessive sunlight, these cables are specifically designed to be used within those areas. Highlighted by their copper conductor, these cables are suitable for various applications. All models are highly reliable and excellent quality.

## General Specifications

| | |
|---|---|
| **Type** | A |
| **Wire Style** | BS3G210 |
| **American Wire Gauge** | 24 |
| **Insulation Material** | PTFE |
| **Resistant To** | Fuels, Gasoline, Hydraulic Fluid, Lubricants, Oils |
| **Core Strands** | 7/0.2mm |
| **Conductor Material** | Silver Plated Copper |
| **Number of Strands** | 7 |
| **Applications** | Construction sites, Car engines, Aeroplanes, Petrol stations |

## Electrical Specifications

| | |
|---|---|
| **Voltage Rating** | 300V |
| **Current Rating** | 6A |
| **Conductor resistance** | 88.3Ω /km |

# Harsh Environment Wire

## Mechanical Specifications

| | |
|---|---|
| **Cross Sectional Area** | 0.22mm^2 |
| **Sheath Colour** | Green |
| **Length** | 100m |
| **Outer Diameter** | 0.95mm |
| **Insulation Wall Thickness** | 0.15mm |
| **Size of Strands** | 0.2mm |
| **Stranding** | 7/0.2mm |
| **weight** | 3.04kg/km |

## Operation Environment Specifications

| | |
|---|---|
| **Minimum Operating Temperature** | -75°C |
| **Maximum Operating Temperature** | 200°C |
| **Operating Temperature Range** | -75°C to 200°C |

## Approvals

| | |
|---|---|
| **Compliance/Certifications** | CSA , RoHS Certificate Of Compliance |
| **Standards Met** | BS 3G 210:1996 |

# Harsh Environment Wire



8417213 8417223

8417241

8417245

8417226 8417235

8417257

8417251

8417217 8417232

8417260

8417254

8417248

8417239

**Product Range:**

| RS Code | Description |
|---|---|
| 8417213 | PTFE A 7/0.2 black 25m |
| 8417229 | PTFE A 7/0.2 white 25m |
| 8417217 | PTFE A 7/0.2 pink 25m |
| 8417226 | PTFE A 7/0.2 red 25m |
| 8417232 | PTFE A 7/0.2 pink 100m |
| 8417235 | PTFE A 7/0.2 red 100m |
| 8417223 | PTFE A 7/0.2 black 100m |
| 8417241 | PTFE A 7/0.2 blue 100m |
| 8417239 | PTFE A 7/0.2 white 100m |
| 8417248 | PTFE A 7/0.2 yellow 100m |
| 8417245 | PTFE A 7/0.2 orange 100m |
| 8417254 | PTFE A 7/0.2 green 100m |
| 8417257 | PTFE A 7/0.2 brown 100m |
| 8417260 | PTFE A 7/0.2 grey 100m |
| 8417251 | PTFE A 7/0.2 violet 100m |

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