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## Datasheet

RS Pro Black Polyethylene (PE) Rod, 1000mm x 50mm Diameter RS Stock No: 408-3762


## Product Details

RS Pro high density polyethylene (HDPE) rod in black colour, measures 1000 mm long with a diameter of 50 mm . This rod is suitable for use in mechanical/electrical/general engineering, transport/conveyor technology, household appliances, food and general clean industries. Its typical applications include chemical apparatus, plugs, seals, food processing, insulators and low load rollers.

## Features and Benefits

- Tough with low water absorption properties and good sliding properties
- Resistant to dilute acids, cleaning agents and numerous solvents
- Very good electrical insulation properties
- Comes in black colour

| Specifications: <br> Colour | Black |
| :--- | :--- |
| Flammability Rating | UL 94 HB |
| Form | Rod |
| Hardness | 50 Ball Indentation |
| Material | HDPE |
| Density | 0.95 to $0.96 \mathrm{~g} / \mathrm{cm}^{3}$ |
| Elongation | $50 \%$ |
| Length | 1000 mm |
| Maximum Operating Temperature | $+90^{\circ} \mathrm{C}$ |
| Rod Diameter | 50 mm |
| Water Absorption | $0.02 \%$ |
| Tensile Strength | 25 MPa |

