

Datasheet

RS Pro Black Polyethylene (PE) Rod, 1000mm x 80mm Diameter

RS Stock No: **408-3784**



Product Details

RS Pro high density polyethylene (HDPE) rod in black colour, measures 1000 mm long with a diameter of 80 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:**

| | |
|-------------------------------|--------------------------------|
| Colour | Black |
| Flammability Rating | UL 94 HB |
| Form | Rod |
| Hardness | 50 Ball Indentation |
| Material | HDPE |
| Density | 0.95 to 0.96 g/cm ³ |
| Elongation | 50% |
| Length | 1000 mm |
| Maximum Operating Temperature | +90°C |
| Rod Diameter | 80 mm |
| Water Absorption | 0.02% |
| Tensile Strength | 25 MPa |