

Professionally approved products. Datasheet

PET, PVC 25m Long transparent Flexible Tube Reinforced, 30mm Bend Radius, Applications Various

RS Stock number 368-0176



KEY FEATURES:

- | An effective, functional choice for a diverse range of applications especially when budget is a factor.
- | Glass clear clarity for excellent visibility.
- | Excellent resistance to abrasion.
- | Manufactured from cadmium and silicone-free materials using a special low toxic, odourless PVC formulation that can reduce the taint of drinking water.
- | Suitable for food, water, chemicals, gas, fuel and oils.
- | EC compliant for food contact applications.
- | RoHS compliant.
- | Highly resistant to a wide range of acids and alkalis.
- | Service temperature = -15°C to + 60°C.
- | Specially selected high tensile polyester fibres used at the optimum braid angle of 54° 44'(54.73°) creates an effective and balanced pressure hose.
- | Manufactured in accordance with BS EN ISO 6224.
- | 3:1 safety factor @ 23°C.

SIZES:

- | Available in 30m coils
- | 6.3mm-50mm ID

COLOURS:

- | Clear
- | Custom sizes and colours available on request subject to minimum order quantity.

APPLICATION EXAMPLES:

- | A wide variety of shop floor airline applications.
- | Popular for pharmaceutical / scientific applications for the transfer of chemicals.
- | For the transfer of food substances and liquids.



| Product Ref | | PVK06 | PVK08 | PVK10 | PVK12 | PVK16 | PVK19 | PVK25 |
|--------------------------|----------|--|-----------------|------------------|----------------------|---------------------|------------------|------------------|
| Ex Stock | 30m roll | • | • | • | • | • | • | • |
| Nominal size | | 6.3 x 10.5mm | 8 x 12mm | 10 x 14mm | 12.5 x 17.5mm | 16 x 20.25mm | 19 x 24mm | 25 x 31mm |
| Internal Diameter | | 6.3 ± 0.25mm | 8.0 ± 0.25mm | 10.0 ± 0.25mm | 12.5 ± 0.25mm | 16.0 ± 0.25mm | 19.0 ± 0.25mm | 25.0 ± 0.50mm |
| External Diameter | | 10.5 ± 0.30mm | 12.0 ± 0.30mm | 14.0 ± 0.30mm | 17.5 ± 0.30mm | 20.25 ± 0.50mm | 24.0 ± 0.5mm | 31.0 ± 0.50mm |
| Length Tolerance | | BS EN ISO 1307 (± 1%) | | | | | | |
| Maximum Working Pressure | | 10 Bar | 10 Bar | 10 Bar | 10 Bar | 10 Bar | 10 Bar | 10 Bar |
| Minimum Burst Pressure | | 30 Bar | 30 Bar | 30 Bar | 30 Bar | 30 Bar | 30 Bar | 30 Bar |
| Bend radius | | 30mm | 40mm | 50mm | 60mm | 100mm | 95mm | 125mm |
| Working Temperature | | - 15°C to + 60°C | | | | | | |
| Material | | Flexible PVC | | | | | | |
| Material Softness | | BSS45 FDA Approved | | | | | | |
| Flammability | | Self Extinguishing | | | | | | |
| Weight per meter | | 0.086Kg | 0.082Kg | 0.103Kg | 0.143Kg | 0.164Kg | 0.270Kg | 0.390Kg |
| Coil Weight | | 2.57Kg | 2.47Kg | 3.08Kg | 4.30Kg | 4.92Kg | 8.10Kg | 11.70Kg |
| Packaging | | Strapex Ties and Shrinkwrap | | | | | | |
| Applicable Standards | | BS EN ISO 5774 (Plastic hoses. Textile-reinforced types for compressed-air applications.) & BS EN ISO 6224 (Thermoplastics hoses, textile-reinforced, for general- purpose water applications) | | | | | | |