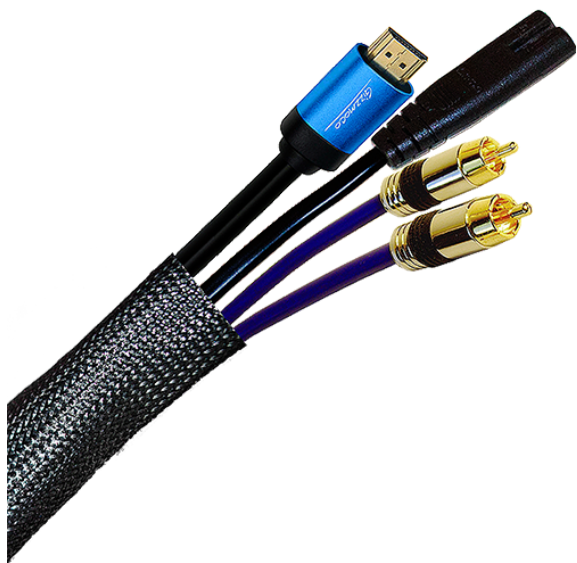


# Expandex PETS 022G General Purpose Braided Sleeve

## Polyester Monofilament Expandable Sleeving – Standard Size Range



### Product properties

- Working temperature - 50°C to +150°C
- Standard colours – Black, White and Grey
- Non standard colours – Call Sales Office
- Draw Cord - Available with a nylon draw cord for installing over long cable runs.

### Product description

A proven solution for protecting, strengthening, bundling, wires, cables and pipe systems. Expandex PET G expandable braided sleeving is made of lightweight 0.22mm, but tough polyester monofilaments of the highest quality and tensile properties.

The push back expansion effect of this product enables a few sizes to cover a wide range of applications. Expandex readily expands which makes installation efficient even over large diameter transitions and around bends. Once installed it retracts to conform to the application shape resulting in a smooth, close fitting sleeve.

With continuous working temperature of -50°C to +150°C and a resistance to most chemicals, Expandex PET can be used in hostile environments and is suitable for all industries. Expandex PET is self-extinguishing due to its braided construction and low toxicity during combustion making it ideal for use in public areas or near sensitive electronic equipment.

### Technical Data

|                           |                                                            |
|---------------------------|------------------------------------------------------------|
| Monofilament Polyester    | Size: 0.22mm Diameter                                      |
| Melting Point             | +250°C                                                     |
| Maximum Working Temp.     | 150°C                                                      |
| Withstand Peaks           | 220°C                                                      |
| Minimum Working Temp.     | -50°C                                                      |
| Flame Resistance          | FMVSS 302<br>(Type A) I2 according to NF F 16-101          |
| Fumes Toxicity            | Halogen Free                                               |
| Fumes Opacity             | Low Smoke Density                                          |
| Chemical Resistance       | Unaffected by most chemicals – resists automotive fluids   |
| Resistant to Mould Growth | Open structure does not retain moisture and support growth |

## Applications: Protection

Electrical Harnesses, Audio Cables, Computer Cables,

## Markets:

Telecomms, Industrial, Electrical Contractor, Cable Management

## Packaging Options: Supplied in standard Coil Boxes

Cut Lengths: Sealed with our special hot knife machine to stop fraying - Call office for lead times

| Nominal Ø<br>(mm) | Inside Ø<br>(mm) | Suggested<br>Range of Use Ø<br>(mm) | Construction |                   |                    | Packaging Coils or Reels( M ) |                |          |
|-------------------|------------------|-------------------------------------|--------------|-------------------|--------------------|-------------------------------|----------------|----------|
|                   | Maximum          |                                     | N° Yarns     | Weight G/<br>100m | Flat Width<br>(mm) | Large Reel (m)                | Small Reel (m) | Coil (m) |
| 3                 | 6                | 1 - 3                               | 60           | 395               | 4                  | 500                           | 100            | 100      |
| 4                 | 8                | 1 - 5                               | 72           | 445               | 5                  | 500                           | 100            | 100      |
| 5                 | 10               | 2 - 7                               | 84           | 515               | 6                  | 500                           | 100            | 100      |
| 6                 | 13               | 3 - 9                               | 96           | 580               | 7.5                | 500                           | 100            | 100      |
| 8                 | 14               | 4 - 11                              | 120          | 770               | 10                 | 500                           | 100            | 100      |
| 10                | 18               | 5 - 12                              | 144          | 900               | 11                 | 500                           | 100            | 100      |
| 12                | 21               | 7 - 15                              | 168          | 1010              | 13                 | 500                           | 50             | 50       |
| 15                | 25               | 8 - 17                              | 192          | 1230              | 16                 | 300                           | 50             | 50       |
| 20                | 29               | 10 - 21                             | 216          | 1400              | 19                 | 200                           | 25             | 25       |
| 25                | 36               | 14 - 25                             | 288          | 1720              | 25                 | 200                           | 25             | 25       |
| 30                | 45               | 18 - 32                             | 360          | 2160              | 35                 | 150                           | 25             | 25       |
| 40                | 64               | 20 - 40                             | 480          | 2870              | 44                 | 100                           | 25             | 25       |
| 50                | 75               | 30 - 55                             | 600          | 3960              | 55                 | 100                           | 25             | 25       |