

## DESCRIPTION

Metal Content Spiral Binding is a solution for bundling applications where the material needs to be detectable by its metal content. It is used for organising and protecting cables and hoses. Spiral binding is available in a range of diameters coloured blue. SBPEMC provides protection against abrasion, and chemical attack.

Due to the spiral structure, it can be applied to cables or hoses in situ. Furthermore, cables can branch out at any point and in any direction.

## APPLICATION

Metal Content Spiral Binding is a versatile form of protection as it can be fitted to cables “in situ”. It also enables cables to be broken out at any point whilst creating a homogeneous harness assembly that can follow any route. Polyethylene MC spiral binding provides a solution for food industry applications.

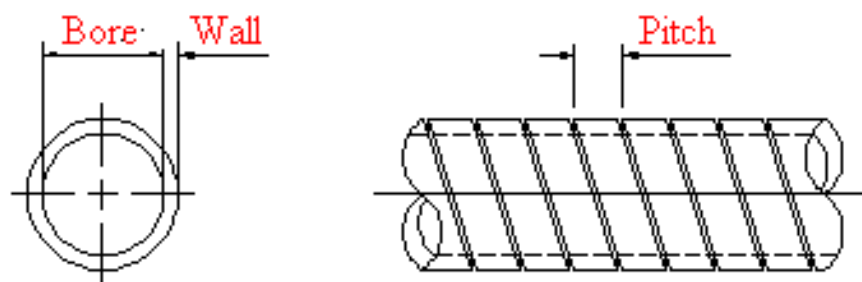
## PROPERTIES

| Properties                | Typical Results | Test Method |
|---------------------------|-----------------|-------------|
| Material                  | PE MC           |             |
| Continuous Operating Temp | -60°C to +80°C  | IEC 216     |
| Intermittent Temp         | +120°C          |             |
| Metal content             | ca 14%          |             |
| Volume Resistivity        | 50 Ωcm          |             |
| Resistance to:            |                 |             |
| Oils & Lubricants         | Good            |             |
| Fuels                     | Good            |             |
| Acids & Alkalis           | Very Good       |             |
| Solvents                  | Good            |             |
| Colours                   | Blue            |             |

## STANDARDS

Approved to: N/A

Conforms to: The materials used in the production of this product are either FDA compliant for food contact articles per CTS 75807 or Listed in Annex 1 or are authorized in accordance with the requirements of Commission Regulation (EU) N° 10/2011 of 14 January 2011 as amended up to Regulation (EU) 1282/2011, on plastic materials and articles intended to come into contact with food



### DIMENSIONS

| REF.      | NOMINAL (MM) |      |       |                        |
|-----------|--------------|------|-------|------------------------|
|           | BORE         | WALL | PITCH | RECOMMENDED LOOM SIZE* |
| SBPEMC1.5 | 1.5          | 0.8  | 6.0   | 1.5 – 8.0              |
| SBPEMC4   | 4.0          | 1.0  | 7.8   | 5.0 – 20.0             |
| SBPEMC9   | 9.0          | 1.4  | 12.5  | 10.0 – 100.0           |
| SBPEMC16  | 16.0         | 1.6  | 16.0  | 20.0 – 150.0           |

\* Based on our general experience, the product will provide protection and binding for a harness at the lower end of the loom size-range, but can only be recommended for binding at the upper end of the loom size-range.