

# WIRING POLYETHYLENE SPIRALS



**Halogen free**

## Characteristics:

- Type of material: Polyethylene (low density).  
 Colours available: natural, black, white (only self-extinguishing).  
 Colours on request: yellow, orange, red, pink, purple, violet, green, beige, brown, grey.  
 Available diameters: from 2,3 to 22,2 mm.  
 Humidity absorption: null.
- Working temperature:  $-50^{\circ}\text{C} \div 90^{\circ}\text{C}$
  - Tightening temperature:  $-20^{\circ}\text{C} \div 60^{\circ}\text{C}$
  - Max admissible point:  $100^{\circ}\text{C}$  for short time
  - Melting point:  $113^{\circ}\text{C}$
  - Density:  $0,922 \text{ g/cm}^3$
- Flammability rating: UL 94, class HB (natural, black colours).  
 UL 94, class V2 and V0 (self-extinguishing white).
- Resistance to external agents: Good resistance to bases, weak acids, organic solvents.  
 Limited resistance to chloride solvents.  
 Good resistance to UV rays (black version).  
 Recyclable, not biodegradable, halogen-free.

**For availability, MOQ and LT of products on request, please ask to our sales offices.**

## Applications

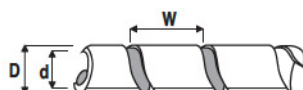
- Bundling and protection of electrical cables and wires (general purpose).
- Suitable for the automotive applications, control panels, cabinets and electrical installations.

## Characteristics

- The polyethylene spiral is obtained by a tube of extruded and cut polyethylene.
- The polyethylene spiral is extremely flexible.
- For the characteristics of the material see page 19.
- The spiral is available in a wide range of diameters and colours.

## Benefits

- Easy installation.
- Halogen-free.
- Due to the spiral structure, cables can branch out at any point and in any direction.



## POLYETHYLENE spirals

| Code    | Code   | Code         | Code         | Thickness | Dimensions (mm) |      |    | Wiring (mm) |       | Lenght (m) |        |
|---------|--------|--------------|--------------|-----------|-----------------|------|----|-------------|-------|------------|--------|
| Natural | Black  | self-ext. V2 | self-ext. V0 | (mm)      | d               | D    | W  | Ø min.      | Ø max | Bag        | Carton |
| SP 2    | SP 2N  | SPA 2        | SPV0 2*      | 0,60      | 2,3             | 3,5  | 5  | 2           | 15    | 50         | 2000   |
| SP 4    | SP 4N  | SPA 4        | SPV0 4*      | 0,65      | 3,7             | 5,0  | 7  | 4           | 20    | 25         | 1000   |
| SP 6    | SP 6N  | SPA 6        | SPV0 6*      | 0,75      | 6,5             | 8,0  | 10 | 7           | 40    | 25         | 500    |
| SP 9    | SP 9N  | SPA 9        | SPV0 9*      | 0,90      | 8,2             | 10,0 | 12 | 12          | 50    | 25         | 350    |
| SP 12   | SP 12N | SPA 12       | SPV0 12*     | 1,00      | 10,0            | 12,0 | 14 | 13          | 70    | 25         | 250    |
| SP 15   | SP 15N | SPA 15       | SPV0 15*     | 1,00      | 12,0            | 14,0 | 16 | 15          | 80    | 20         | 200    |
| SP 20   | SP 20N | SPA 20       | SPV0 20*     | 1,20      | 17,6            | 20,0 | 22 | 20          | 120   | 25         | 100    |
| SP 25   | SP 25N | SPA 25       | SPV0 25*     | 1,40      | 22,2            | 25,0 | 27 | 25          | 150   | 20         | 80     |

\* Available on request only.

Other measures available on request.