

## **PRODUCT INFORMATION**



### **SB-AW PVC Coated Galvanized Steel Flexible Conduit**

SB-AW PVC Coated Galvanized Steel Flexible conduit is also used for many electrical requirements. This product is flexible and durable and resists corrosion. Our PVC Coated Galvanized Steel Conduit has good flexibility and is smooth internally to help wires pass-through easily. The single-buckle and spiral designs help increase tensile strength while making it harder to break or deform.



**SB-AW PVC Coated Galvanized Steel  
Flexible Conduit  
(AWEWCPGCPVCCGSFC01)**

## ***Benefit***

Out of the many conduits forms available, PVC conduit is considered best for outdoor applications. Among all conduit types, PVC is lightweight and versatile. Available in a variety of thicknesses or grades, PVC is well suited for direct burial or above ground work. PVC conduit is also used for many electrical requirements. This product is flexible and durable and resists corrosion

Flexible conduit systems are available with special fittings. PVC flexible conduits are suited for an extensive range of applications. Flexible conduit offers excellent protection from moisture due to its ingrained mechanical properties. Yet, the flexible units are best used in dry areas. The flexible conduit fittings are not as watertight as fittings for rigid PVC conduit. Flexible PVC is also a lighter gauge than rigid wall conduit. For these reasons, flexible PVC should be used above ground and not buried.

## ***Product Feature***

- Refined PVC Coating
- Water-proof, Corrosion Resistant, UV Resistant
- Flame Retardant (UL94-V2)
- Operating range: -10°C to +80°C

## ***Applications***

- Machine tools
- High mechanical strength
- Outdoor installations
- Used as mechanical protection for insulated
- Electrical cable and wires that are functional in normal atmospheric temperature
- Under floor application for computer or floor boxes
- Elevators, metro stations, CCTV camera and ETC



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## **Specifications**

### **SB-AW PVC Coated Galvanized Steel Flexible Conduit**

Inner Material: Stainless steel flexible conduit, Galvanised flexible conduit

Outer Material: PVC material (UV protection)

Colour: Black, Grey and more.

Sizes: 6mm to 200mm

<b>Model</b>	<b>Internal Diameter (mm)</b>	<b>External Diameter (mm)</b>	<b>Min Bend Radiance (mm)</b>	<b>Coil Packing (m)</b>
6	5.75	8.8 ± 0.25	40	100
8	7.70	11.8 ± 0.30	45	100
10	9.70	14.3 ± 0.35	55	100
12	11.65	16.3 ± 0.35	60	100
15	14.65	20.0 ± 0.35	80	100
20	19.60	25.3 ± 0.40	100	50
25	24.55	31.3 ± 0.45	115	50
32	31.50	38.0 ± 0.50	140	25
38	37.40	46.2 ± 0.60	160	25
51	50.00	59.2 ± 1.00	190	20
64	63.50	74.10 ± 1.50	280	20
75	73.00	85.1 ± 2.00	320	20
100	97.00	110.0 ± 3.00	380	10

\*Note: Custom-made sizes order for sizes of SB-AW PVC Coated Galvanized Steel Flexible Conduit is available and please contact us for more information.

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