

## **PRODUCT INFORMATION**



### **SB-AW Polyethylene Pipe**

Properties and specifications of plastics - particularly polyethylene - has increased trends of their usage in industry only in short time after their production. The flexibility of SB-AW polyethylene pipe allows cost savings in installation. Trenchless technology can avoid the need for open trenches and reduce the disturbance to the public and environment by pulling long lengths of SB-AW polyethylene pipe through holes below ground bored by mechanical moles.



## ***SB-AW Polyethylene Pipe*** ***(SKU: AWECWCPGCPEP01)***

### ***Benefit***

SB-AW polyethylene pipe offers distinct advantages as a piping material:

- Light weight
- Flexibility
- Chemical resistance
- Overall toughness
- Longevity

These benefits make it an ideal piping material for a broad variety of applications such as potable water service or distribution lines, natural gas distribution, lawn sprinklers, sewers, waste disposal, and drainage lines. PE materials are generally resistant to most ordinary chemicals.

Polyethylene can be used in low temperatures without risk of brittle failure. Thus, a major application for certain PE piping formulations is for low-temperature heat transfer applications such as radiant floor heating, snow melting, ice rinks, and geothermal ground source heat pump piping.

### ***Product Feature***

SB-AW polyethylene pipe can be supplied in straight lengths or in coils, reducing the need for joints and fittings. SB-AW polyethylene pipe can be jointed using butt and electrofusion techniques or using mechanical fittings.

SB-AW polyethylene pipe which are now an appropriate alternative for metal, PVC, GRP and cast-iron pipes. Today many projects of fire systems, high pressure water transmissions systems, urban/industrial sewage systems and also natural gas transmission in chemical and industrial environments or telecommunications and cable coverings are handled by plumbing systems of Parsethylene Kish.

### ***Applications***

- Urban and rural water supply networks
- Urban and rural sewage networks
- Drainage networks
- Fluid systems and industrial sewage
- Pressurized irrigation systems (Drip and sprinkler irrigation system)
- Moving irrigation systems
- Telecommunication cable coverings / optical fiber coverings
- Power cable covering
- Metal pipe covering
- Ventilation channels

All statements, technical information and recommendations contained herein are based on tests we believe to be reliable, but the accuracy or completeness thereof is not guaranteed, and the preceding is made in lieu of all warranties, expressed or implied.





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