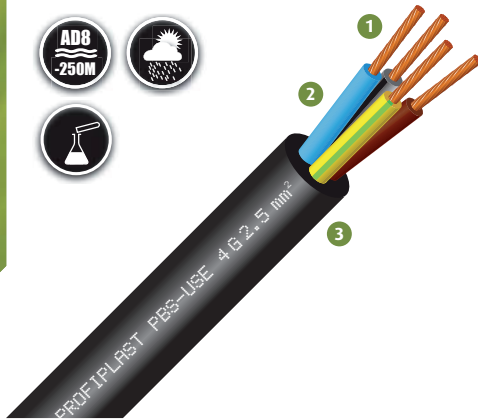


### PBS-USE



- 1 Flexible bare copper core class 5 - IEC 60228
- 2 Insulation: isovinyl  
Plain or two-tone colours or numbering
- 3 Sheath: PROFIPRENE  
Standard colour: black

#### Characteristics

- Operating temperature:
  - outdoor fixed installation: -40°C to +70°C
  - outdoor flexible installation: -25°C to +70°C
  - underwater fixed installation: +50°C
- Rated voltage:
  - fixed installation: 0.6/1 kV
  - flexible installation: 450/750 V
- Test voltage: 2500 V
- Permanent immersion AD8 according to NF C 15-100
- Depth of immersion: 250 m - 25 bars
- Resistance per unit length at 20°C according to IEC 60228
- Excellent resistance to UV radiations and bad weather
- Good chemical inertness (detergents, domestic detergents, acid, bleach, fertilisers, etc.)

#### Marking

PROFIPLAST PBS-USE section mm<sup>2</sup> -  
IMMERSION PERMANENTE NF C 15-100 AD8

#### Certifications - Standards

- NF C 15-100, IEC 60228, NF C 32-070, IEC 60332-1
- Certification AD8 by Bureau Veritas according to NF C 32-102-16 A-B

#### Packaging

Coils. Reels. Drums.

#### Options

- Flexible tin plated copper core: contact us
- Other cross-sections: contact us

#### Applications

Ideal for the power supply of submersible pumps for collection, pretreatment, treatment and evacuation of waste water, PROFIPLAST® PBS-USE is a technical alternative to H07RN-F. Fully resistant to purification products, this range of cables is ideal for the power supply of rain water and polluted water drainage pumps.

Nominal cross-section (mm <sup>2</sup> )	Nominal composition	Diameter of insulated conductors (mm)	Nominal external diameter (mm)	Approximate linear weight (kg/km)
3 x 1	32 x 0.190	2.5	9.0	100
3 x 1.5	28 x 0.245	3.0	10.0	135
4 x 1	32 x 0.190	2.5	9.8	120
4 x 1.5	28 x 0.245	3.0	11.0	163
4 x 2.5	47 x 0.245	3.6	12.9	245
4 x 4	56 x 0.290	4.3	14.7	340
4 x 6	80 x 0.290	4.8	16.9	455
4 x 10	84 x 0.380	6.2	22.5	680
4 x 16	132 x 0.380	7.4	24.0	950
4 x 25	175 x 0.400	9.5	29.0	1450
4 x 35	238 x 0.400	10.6	33.0	1850
4 x 50	377 x 0.400	12.9	38.0	2650
4 x 70	340 x 0.500	14.8	43.0	4150
5 x 1	32 x 0.190	2.5	11.1	140
5 x 1.5	28 x 0.245	3.0	12.3	200
7 x 1	32 x 0.190	2.5	11.3	180
7 x 2.5	47 x 0.245	3.6	15.0	330