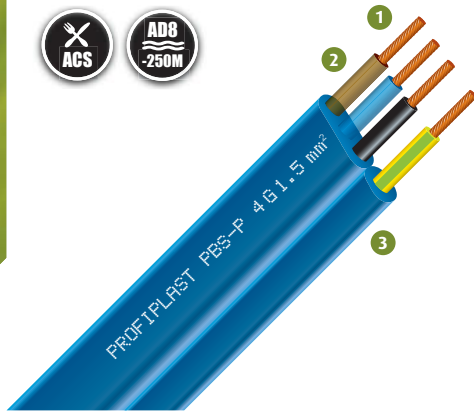


### PBS-P



- 1 Flexible bare copper core class 5 - IEC 60228
- 2 Insulation: isovinyl  
Plain or two-tone colours or numbering
- 3 Sheath: Atoxic PROFIPRENE  
Standard colour: blue RAL 5012

#### 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

#### Marking

PROFIPLAST PBS-P section mm<sup>2</sup> -  
ACS ALIMENTAIRE - 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
- Contact with food: ACS 11 MAT LI 004
- France: Official journal no. 1227/2002 and amendments
- Germany: Federal Law gazette, Part I, Annex 3 (1992)
- Belgium: Royal Belgian decrees: Belgian Gazette (MB) of 24.07.1992 and updates
- Spain: Royal decree 2207/94 of 16 November 1994 and updates
- Italy: Italian ministerial decree of 21 March 1973 (GU No. 104 of 20 April 1973) and updates
- The United Kingdom: British regulations "Statutory instruments" No.1376 (1998) and updates
- CE: Directive 2002/72/CE

#### Packaging

Coils. Reels. Drums.

#### Options

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

#### Applications

Ideal for the power supply of submersible pumps in direct contact with fresh water, PROFIPLAST® PBS-P is certified by Bureau Veritas AD8 (immersion and submersion) in accordance with standard NF C 15-100. This cable is certified ACS (Certificate of Sanitary Conformity) by the Institut Pasteur in Lille which guaranties its use in "water and environment".

#### PBS - P DIV

Nominal cross-section (mm <sup>2</sup> )	Nominal composition	Diameter of insulated conductors (mm)	Nominal external diameter (mm)	Approximate linear weight (kg/km)
4 G 1.5	28 x 0.245	3.0	5.4 x 16.8	139
4 G 2.5	47 x 0.245	3.6	6.3 x 19.8	204
4 G 4	56 x 0.290	4.3	7.5 x 23.6	318
4 G 6	80 x 0.290	4.8	8.2 x 26.0	424
4 G 10	84 x 0.380	6.2	10.0 x 32.4	580
4 G 16	132 x 0.380	7.4	11.4 x 37.6	890
4 G 25	175 x 0.400	9.5	13.5 x 46.0	1350
4 G 35	238 x 0.400	10.6	14.8 x 50.8	1830



#### PBS - P

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 1.5	28 x 0.245	3.0	5.4 x 11.4	109
3 x 2.5	47 x 0.245	3.6	6.3 x 13.5	168
3 x 4	56 x 0.290	4.3	7.5 x 16.1	243
3 x 6	80 x 0.290	4.8	8.2 x 17.8	345
3 x 10	84 x 0.380	6.2	10.0 x 22.4	467
3 x 16	132 x 0.380	7.4	12.4 x 27.6	675
3 x 25	175 x 0.400	9.5	13.5 x 32.5	1035
3 x 35	238 x 0.400	10.6	14.8 x 36.0	1295
3 x 50	377 x 0.400	12.9	17.5 x 43.3	1810
3 x 70	340 x 0.500	14.8	19.4 x 49.0	2995
4 G 1.5	28 x 0.245	3.0	5.4 x 14.5	140
4 G 2.5	47 x 0.245	3.6	6.3 x 17.2	190
4 G 4	56 x 0.290	4.4	8.5 x 23.5	320
4 G 6	80 x 0.290	5.1	9.0 x 25.0	420