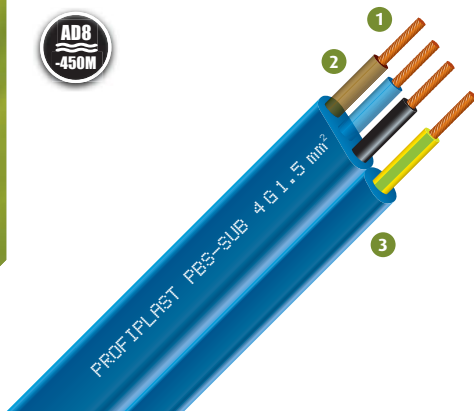


PBS-SUB



- 1 Flexible bare copper core class 5 - IEC 60228
- 2 Insulation: isovinyl
Plain or two-tone colours or numbering
- 3 Sheath: 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: +60°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: 450 m - 45 bars
- Resistance per unit length at 20°C according to IEC 60228
- Resistance to salt mists

Marking

PROFIPLAST PBS-SUB section mm² -
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 dimensions: contact us
- Other cross-sections: contact us

Applications

PROFIPLAST® PBS-SUB (round or flat) is ideal for the power supply of deep submersible pumps.

PBS-SUB P DIV

Nominal cross-section (mm ²)	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-SUB P

Nominal cross-section (mm ²)	Nominal composition	Diameter of insulated conductors (mm)	Nominal external diameter (mm)	Approximate linear weight (kg/km)
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



PBS-SUB R

Nominal cross-section (mm ²)	Nominal composition	Diameter of insulated conductors (mm)	Nominal external diameter (mm)	Approximate linear weight (kg/km)
4 x 10	84 x 0.380	6.2	22.5	680
4 x 16	132 x 0.400	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