

Introduction of Environment conscious electric cables 'LAPA' - Laminated Aluminium Polyamide



PT. SUMI INDO KABEL Tbk. (INDONESIA)
SUMITOMO ELECTRIC GROUP - JAPAN

CONCEPT OF OUR CABLES

Lead sheath cable is usually used in oil & gas plant and under-gland distribution line.

Nowadays, <u>environmental impact</u> shall be considered to everything what the human has a relation with, and electrical cables are also no exception of this trend.

We understand that the development of the <u>environment conscious</u> <u>electric cables</u> is our mission, and we have to contribute toward our earth.

Therefore, we developed our electrical cables without lead sheath, but with same characteristic of lead sheath.



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Environmental Regulations

1.RoHS: since 2006

Restriction of Hazardous Substances Not more than 1000ppm of Pb, Hg, Cr, PBB, PBDE Not more than 100ppm of Cd

2.REACH: since 2007

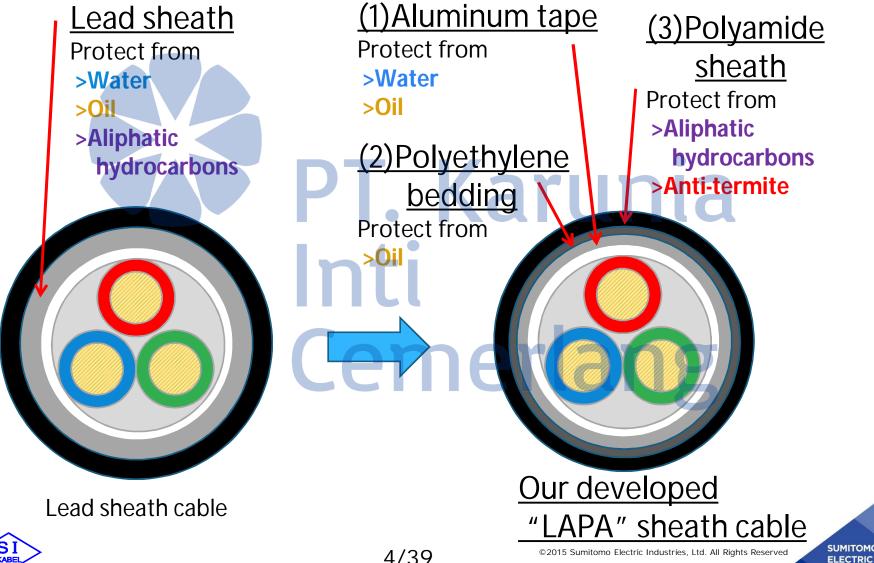
Registration, Evaluation, Authorization of Chemicals

Referring these environmental regulations on our developing electrical cables





Difference of lead sheath and our cable

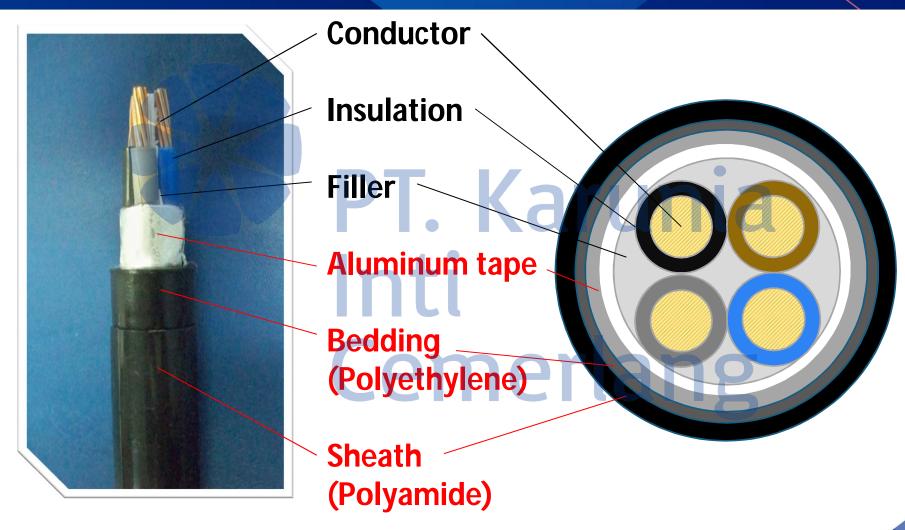




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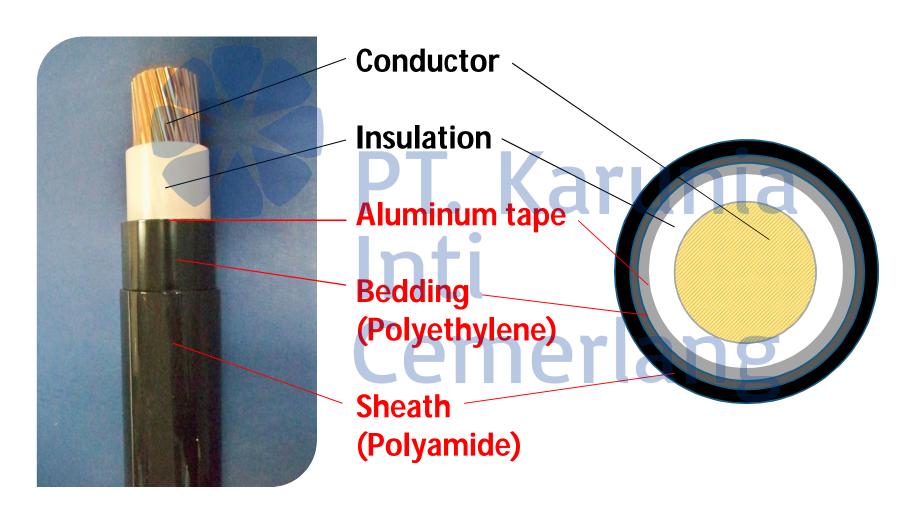
Construction example(1)

1kV XLPE / LAPA 4C x 4 mm²



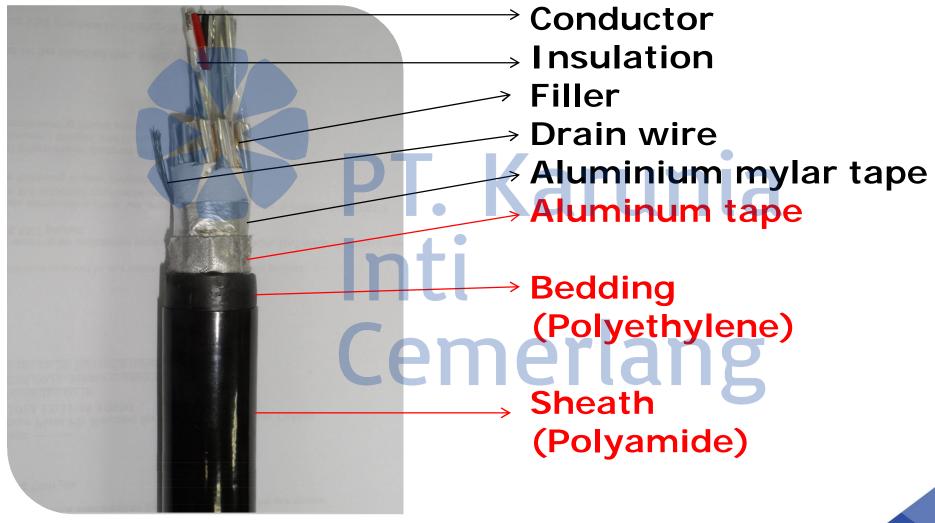


Construction example(2) 1kV XLPE / LAPA 1C x 250 mm²





Construction example(3) 500 V XLPE / LAPA IS/OS 10T x 0.75 mm²





Construction example(3) 6/10 kV NA2XSE-LAPA-FGbY 3 x 240 mm²

