



Construction

High conductivity solid or stranded plain annealed copper conductors, insulated and colour coded with general purpose grade PVC. These insulated cores plus a bare copper earth wire are then sheathed with flexible grade PVC in a flat parallel configuration.

Applications

ALVEX is for direct installation without further protection in roofs, floors and under plaster in houses, offices and buildings. It's neat, low profile also allows for surface installation. As ALVEX is manufactured to SABS 1507, it is approved by municipalities and other major utility companies and is also used by electrical contractors and electricians.

Specification	(SABS 1507 - 2)
Voltage Rating	300/500 Volts
Test Voltage	2250 Volts
Current Capacity AC	As per table below
Temperature Range	-10° to +80°C
Flexibility Class	1 & 2
Conductor Type	High conductivity annealed copper
Insulation Material	General purpose grade PVC
Sheath Material	Flexible grade PVC
Sheath Colour	White & Black
Core Colours (Twin and Earth)	Red, Black and Bare copper earth

Packaging

Available in 100 metre shrink-wrapped coils.
1000 metre drums available on request.

TECHNICAL DATA

PRODUCT CODE	Size mm ²	No. of Cores	Earth mm ²	Nominal Amps	Nominal Breadth & Height	Mass kg/100m
AX01.0X2+EWH	1.0	2	+1.0	14	7.6X4.1	6.35
AX01.5X2+EWH	1.5	2	+1.0	22	8.5X4.6	8.16
AX02.5X2+EWH	2.5	2	+1.5	30	10.1X5.4	11.93
AX04.0X2+EWH	4.0	2	+1.5	40	11.9X6.4	17.50
AX06.0X2+EWH	6.0	2	+2.5	51	13.4X6.9	23.54