



SLIPDAC® HOUSEWIRE

LOW FRICTION SINGLE CORE GENERAL PURPOSE CABLE

ABERDARE
CABLES
Driven by Powertech



CABLE DESCRIPTION

High conductivity annealed stranded copper conductors to SANS 1411 Part 1. Insulated with PVC and skin coloured in plain colours to SANS 1411 Part 2. Cable is manufactured to SANS 1507 Part 2.

SLIPDAC® is the Aberdare Power Cables trade name for a newly developed range of General Purpose wires with superior low friction characteristics.

INSTALLATION INFORMATION

For the wiring of Industrial Buildings, Housing, Control Panels, where **SLIPDAC®** will be easier to pull through conduit, than standard housewire particularly on long and difficult runs.

PROPERTIES

Specification	: SANS 1507-2
Temperature Range	: -10°C to 70°C
Voltage Rating	: 300/500V and 600/1000V
Core Identification	: Complete range of colours
Packaging	: 100m shrink-wrapped perforated coils

A specially developed low friction PVC compound which is used in the insulation of House wire for supply to the South African market.

The decreased coefficient of friction is the result of the migration of the slip additives to the cable surface due to the defined incompatibility of the slip additive with the polymer. ("Slip" is a term used to describe the sliding of parallel film surfaces over each other or the sliding of film surfaces over substrates.)

WHAT ARE THE BENEFITS OF THIS PRODUCT SOLUTION COMPARED TO STANDARD HOUSEWIRE?

The following benefits are relevant:

- The pulling force required to pull the product through conduit, is significantly reduced, as the cable-to-conduit and cable to cable friction is lower than on the standard product.
- The product is neatly and accurately coiled on automatic coilers, which reduces the risk of entanglement.
- The **SLIPDAC®** coils are sized for placement in a standard **SLIPDAC®** bucket where they may be stored securely after use. Refer PHOTO 3.
- The heat-shrunk plastic used in the packaging, keeps the coil in a sturdy, compact form until such time as it is used, thus there is a reduced risk of entanglement due to poor handling.
- The perforated packaging allows for easy access to the wire end on the inside of the coil, without having to disturb the packaging or the body of the coil during use. Refer PHOTO 1.
- The packaging is perforated on both the top and bottom, thus allowing coils to be stacked for simultaneous extraction of all required colours. A useful tool for this purpose is a bucket, which will hold the stacked coils in place while the wire is being withdrawn. Refer PHOTO 2.

