

AIRSHRINK a South African company based in Johannesburg, originally started manufacturing the novel Airshrink sleeving in 1986. The company has since significantly expanded its manufacturing facility to include several other products, namely Heatshrink, Spiralbind, Aircaps, Labelling Systems and a range of Flexible and Semi-rigid Extrusions. The products are locally manufactured, utilising local raw materials wherever possible.

In order to meet our customer's requirements on specialized products the company expanded further by complimenting our already well established and comprehensive product portfolio by carefully selecting and setting up joint ventures with foreign manufacturers that are experts in their respective fields.

AIRSHRINK Products find applications in a variety of industries namely electrical, automotive, petrochemical, appliances, sport, leisure and many others.



1. AIRSHRINK

Shrink tubing shrinks when exposed to air. Supplied in expanded form in any length or colour, diameters ranging from 1 mm to 90mm. All you do is remove it from its container, slip it on and let the air do the rest. One hour later you have the perfect shrink. Airshrink is ideally suited to irregular shaped objects and tight bends. Applications include:

- Insulation and colour coding of busbars, lugs etc
- Cable terminations and joints
- Coating of gym equipment (barbells, handles, & footrests)
- Covering on lawn mower handles (insulation & comfort)
- Anti-rattle sleeves (automotive seat springs)
- Covering of canoe paddles
- Automotive coil and leaf springs (dampening)
- Clear protective covering for flourescent light tubes



2. HEATSHRINK

Standard Heatshrink is a cross-linked polyolefin product that can be supplied in either general purpose or flame retardant form. Heatshrink's high dielectric strength and top rate mechanical properties makes It suitable for a variety of applications, including:

- Insulation and colour coding of busbars, lugs etc.
- Cable and component identification
- Mechanical strain relief and protection



Specialized heatshrink and components ranges from heatshrink with a thicker wall, higher shrink ratios, adhesive lined, RoHS compliant, halogen free up to products suitable for 36kV applications. Other products include:

- Heatshrink with excellent resistance to diesel , chemicals & hydraulic fluids
- Low voltage joint kits
- MV (medium voltage) joint kits & terminations
- MV components include anti track & stress control tubing, rainsheds, semi conductive/insulation double layer tubing, semi-conductive/Elastomeric insulation double layer tubing, high insulation tubing, conductive breakout boots, busbar insulation tubing & tape
- Cable end caps (Adhesive lined)
- Wrap around cable repair sleeves
- Wrap around pressurized splicing sleeves for telecoms networks
- Low voltage breakouts boots





3. Identification labels

AIRSHRINK marking systems are available in "Print and Wrap", "Write and Wrap", and heat shrinkable marker sleeves. The simplicity and versatility of these systems make it ideal for marking of wires, cables, hoses and any other components especially where a large amount of information needs to be recorded. The heat shrinkable range is flame retardant and is suitable for environments with temperatures ranging between -55°C to 135°C. Printing is permanent immediately after print and can withstand abrasion and exposure to cleaning fluids.

4. Extrusions - (Flexible and semi rigid)

Spiral Binding

General purpose helically split thermoplastic tube manufactured in a range of diameters and colours. Main application is for organizing and protection of cables and hoses. Other applications include:

- Harness for wires and electrical cables (e.g. computer, Hi-Fi & telephone systems)
- Breakout on cable bundling systems
- Colour coding and mechanical protection on regulator hoses (diving & welding equipment)
- Protection on Squash/Tennis Racquets

Straws & Leashes

Rigid and flexible PVC extrusions and profiles available in colours used as leashes in sporting goods, such as surfboards, body boards, sunglasses as well as a host of applications in the promotional markets. (Flag posts and drinking straws)

Control cable sleeves

Semi-rigid HDPE sleeves used in automobile control cables e.g. accelerator, clutch and brake cables.

Harness tubing

Flexible PVC used to hold together numerous wires, in the manufacture of wiring harnesses. Tubing available in different colours and sizes.

TPU Solid extrusions / ropes

High strength polymeric rope makes this product ideal as tie-down for tarpaulins on trucks and LDVs. Also used in the leisure market as leashes of body boards and diving equipment.

PTFE Tubing

Polytetrafluoroethylene non heat shrinkable tube is suitable for applications that require resistance to high temperatures (260°C) and corrosion as well as excellent insulation and mechanical properties. The product is widely used throughout the electrical, chemical, aerospace, military, computer and power transmission applications.

5. OTHER PRODUCTS

Heatguns



Printer



Mastic Tape



Resin Joint Kits

