



Associated Gaskets



## Dunstone Hi-Shrink Polyester Tape

Dunstone Hi-Shrink is a specialised grade of tape that exhibits excellent flexibility and high strength. When wrapped around an object and heated, Dunstone shrinks to apply compressive force to the wrapped component which compresses any underlying materials and works to eliminate air voids.

Dunstone Hi-Shrink Polyester Tape begins to shrink at about 65°C and achieves maximum compressive force (2500 PSI) at around 150°C (where it will have shrunk by up to 20%, depending on space available). It has a maximum operating temperature of 180°C.

This performance at these temperature points represents a real benefit as it means Dunstone Hi-Shrink will be applying maximum compressive force just as most electrical insulation resins are beginning to flow. This allows for effective compaction of the resin, reliable elimination of air-voids and a smooth surface finish.

Though it is primarily used for compacting the insulation of electric motors and transformers, the versatile performance characteristics of Dunstone Hi-Shrink Polyester Tape have led to its use in a variety of other applications. These include industrial bundling, compaction and compressing as well as various forming and debulking uses.

This tape has excellent release characteristics and removes cleanly from most materials and substrates (though a test may be advisable before use). This is important as, in most cases, Dunstone Hi-Shrink is removed after application and is not reusable.

Dunstone Hi-Shrink Polyester Tape is just one of the enormous range of electrical insulation tapes offered by Associated Gaskets. For more information on this tape, or any of our huge variety of woven, adhesive, shielding, high voltage or specialised insulation tapes, please do not hesitate to contact your local AG branch.

### Features and Benefits

- Begins to shrink at low temperatures
- High maximum shrink force (2500 PSI)
- Highly flexible and very easy to apply
- Excellent mechanical strength
- Good resistance to many chemicals including solvents, impregnating agents and varnishes
- Excellent electrical insulation properties
- Outstanding heat aging characteristics
- No appreciable shelf-life

### Standard Sizes

Thickness	Width	Length	Pack Qty
0.005mm	25mm	91.4Mtrs	12
0.005mm	50mm	91.4Mtrs	6

Other widths and thicknesses also available upon request.

## Associated Gaskets

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