

**TECHNICAL DATA**

**F623 POLYESTER TAPE**

**Adhesive Electrical Tape**

**DESCRIPTION**

F623 consists of 0.025mm (1 mil) polyester film with a thermosetting acrylic adhesive system. The acrylic adhesive system provides high initial adhesion and when thermoset, exhibits good chemical and solvent resistance. The backing provides conformability, abrasion and puncture resistance, along with excellent insulating properties.

**APPLICATIONS**

F623 finds use in a variety electrical and electronic components in the following applications:

- Inter-phase insulation
- Motor end-winding insulation
- Coil wrapping
- General-purpose fixing
- Marking & tabbing

**PHYSICAL PROPERTIES**

Backing	Polyester film
Base thickness	0.025mm (1 mil)
Total thickness	0.055mm ± 10%
Tensile strength - Machine direction	3Kgs/cm minimum
Elongation at break – Machine Direction	60% minimum
Adhesion to steel	250g/cm minimum
Breakdown voltage	4.5kV minimum
Adhesive system	Acrylic
Temperature rating	130°C (Class B)
Colour	Yellow as standard, others to order
RoHS compliant	Yes

\*Test methods according to IS 7809 Part 11