



PEI

PITTSBURGH ELECTRICAL INSULATION
MANUFACTURER | CONVERTER | DISTRIBUTOR

800 Martha Street, Munhall, PA 15120

TECHNICAL DATA

#373 Nomex Adhesive Tape

Properties and Application:

#373 Nomex® Adhesive Tape is a pressure sensitive tape made of aramid paper with a heat resistant acrylic thermoset adhesive. The main features of this tape include flame retardancy, good thermal and dielectric performance. This product is ideal for applications where space is an issue, but temperature resistance is important.

One of the main applications for #373 tape is holding non-adhesive ground, barrier and layer insulation in place in transformers. Motor applications include the tie down of crossover coil constructions in traction motors as well as for insulating connections and bundling end turns in more common motor constructions.

The flame retardancy feature of this product makes it ideal for household electrical appliances and electronics where consumer safety cannot be compromised. The base aramid paper, being more penetrable than films, make this tape an ideal choice no matter what resin and processes are used to manufacture transformers or motors.

Properties	Value*
Thickness	3.9 mil
Thermal Rating	155 ^o C
Adhesion	35oz/inch
Tensile Strength	24lb/inch
Elongation to Break	9%
Breakdown Voltage	2.5 kv minimum
Insulation Resistance	$\Omega 5 \times 10^8$

Nomex® aramid paper is a registered trademark of DuPont. This product has passed all requirements of the UL 510 FR and DOT FMVSS 571.302 flame retardancy tests.

* **Caution:** The above values are typical and care should be taken not to take this data as a basis in constructing any specifications. All customers are responsible to ensure that this product will meet all application requirements before approving this for use.