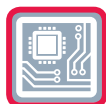
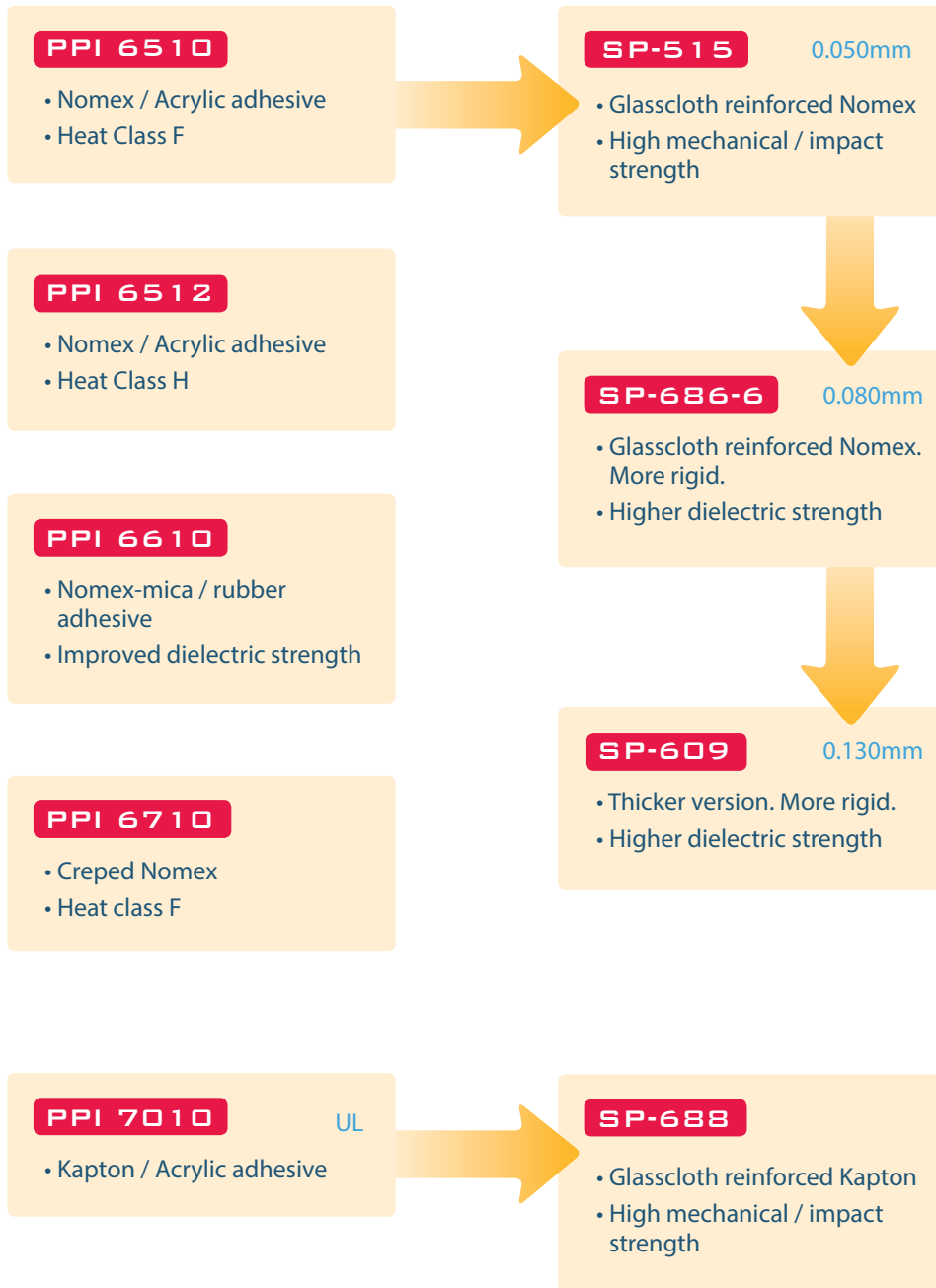




## INSULATION TAPES

### ELECTRICAL MACHINE PHASE / SLOT



## PPI 6510

### polyamide paper electrical tape with thermosetting synthetic rubber adhesive/ heat class F

a polyamide paper i.e. Nomex® based insulating tape

#### Application:

- electrical motor building - holding, anchoring, bundling
- traction machine manufacture
- insulation for bar wound armature
- phase insulation
- coil banding and wrapping

## PPI 6512

### polyamide electrical tape with thermosetting polyacrylate adhesive/ heat class H

a polyamide paper i.e. Nomex® based insulating tape

#### Application:

- electrical motor building
- traction machine manufacturing
- insulation for bar wound armature
- phase insulation, layer insulation
- coil banding and wrapping

## PPI 6610

### polyamide/mica paper electrical tape with thermosetting synthetic rubber adhesive/ heat class F

based on Nomex® polyamide paper with mica. To facilitate ease of handling PPI 66100 is supplied with an easily removable interliner.

Polyamide paper resembles cellulose paper as regards flexibility. With the addition of mica the dielectric strength of PPI 66100 is improved relative to the standard PPI polyamide tapes.

PPI 66100 contains a synthetic rubber adhesive designed to give excellent adhesion to a wide variety of substrates. When PPI 66100 is subjected to the recommended curing cycle the adhesive bond strength increases to a value far higher than quoted here.

#### Application:

- PPI 66100 has found widespread use in die-cutting operations, insulation requirements in high temperature machines, transformers, field or solenoid coils, traction machine manufacturing; phase insulation and generators; machine wide for wrapping bar wound armature.

## PPI 6710

### creped polyamide paper electrical tape with thermosetting polyacrylate adhesive/ heat class F

a creped polyamide paper i.e. Nomex® based insulating tape

#### Application:

- especially suited to phase insulation due to greater flexibility

## SP-515

### Nomex® / glasscloth laminate

based on Nomex® 0.050mm laminated to glasscloth with a polyacrylate adhesive.

SP-515 features a higher tack for oil filled transformers and is resistant against most transformer oils including chlorinated oils and freons.

#### Application:

- core, layer and final insulation of coils and oil-filled transformers
- general electrical insulation requiring high mechanical strength

## SP-686-6

### Nomex® / glasscloth laminated electrical insulation tape/ heat class H

based on Nomex® 0.080mm laminated to glasscloth with a polyacrylate adhesive.

SP-686 features a higher tack for oil filled transformers and is resistant against most transformer oils including chlorinated oils and freons.

#### Application:

- core, layer and final insulation of coils and oil-filled transformers
- general electrical insulation requiring high mechanical strength

## SP-609

### Nomex® 410 insulating tape with glasscloth reinforcement / heat class H

based on Nomex® 410 (0.130mm/5.0 mil) polyamide paper reinforced with glasscloth and coated with a synthetic resin adhesive. The adhesive is a high temperature resistant synthetic resin. SP-609 has high tensile and tearing strength combined with excellent dielectric properties.

#### Application:

- phase separation, slot insulation in the manufacture of motors and transformers

## PPI 7010

### polyimide electrical tape with thermosetting polyacrylate adhesive/ heat class H

based on Kapton® polyimide film, which exhibits outstanding temperature resistance as well as excellent mechanical and electrical properties. UL recognised.

Radiation resistant. Short term heat resistance up to 400°C.

#### Application:

- insulation tape for very high temperatures
- for high stress conditions in traction machine manufacturing, generator production
- outer wrap for transformers, toroidal coils, motor coils and bundling of armature coils

## SP-688

### polyimide film glasscloth laminate with thermosetting polyacrylate adhesive

designed to operate in high temperature locations and where high mechanical strength is required. Advantages include high impact strength and high tensile strength in both directions.

#### Application:

- transformer insulation where high mechanical strength and temperature resistance are required