



PRESCHECKER

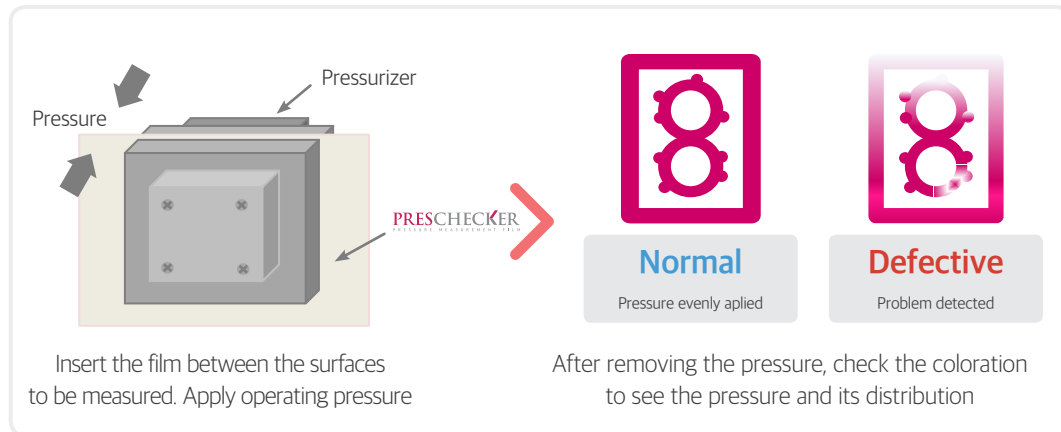
P R E S S U R E M E A S U R E M E N T F I L M

NEW WAYS TO
NEW MATERIALS

PRESHECKER

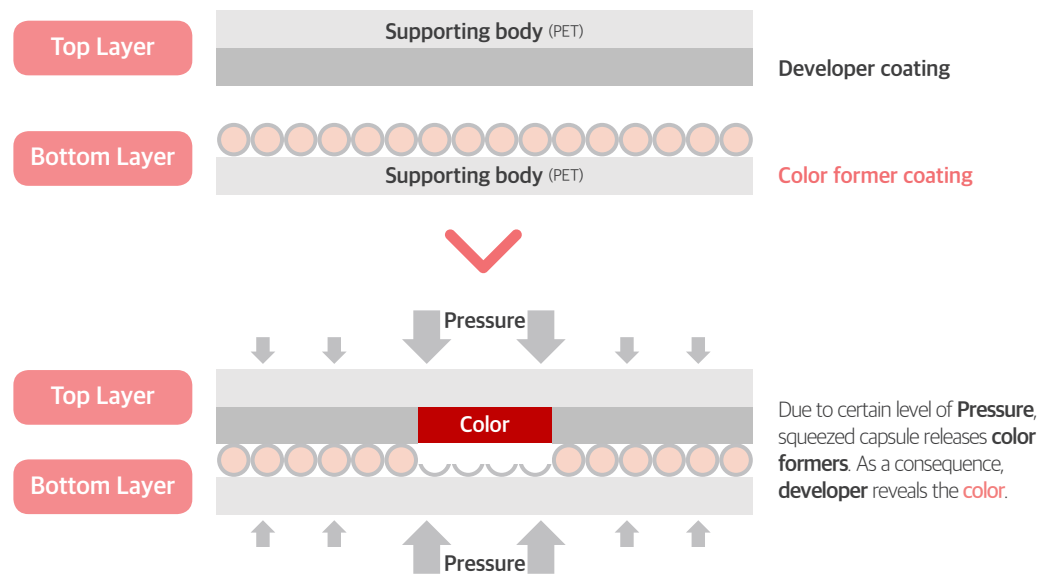
P R E S S U R E M E A S U R E M E N T F I L M

High-sensitivity and excellent pressure measurement film. Co-developed by Korean leading microcapsule and film makers, Insilico and AMTE. Available in the field of smartphones, automobiles, semiconductors, displays, molds and other industries.



Structure & Principle

Two-sheet type film, 'Preschecker', indicates pressure by chemical reaction. Each sheet is coated with color former and developer. When sufficient pressure is measured, the capsules are squeezed and leaking color former. The dye is then absorbed to the other side of sheet, and the developer indicates colors.



Industrial Applications



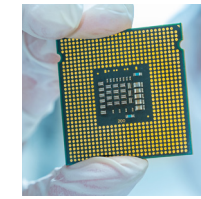
Electronics

Squeeze pressure on the cream solder printer, Lamination and film-attached equipment, Dry film resist (DFR), Rubber contact roller mounting



Display

Rubber contact roller mounting
Cover glass installation equipment
Panel polishing equipment
Cell-phone assembly



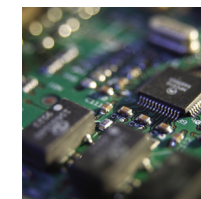
Semiconductor

Wafer bonding equipment
Thermo-compression joint
Suction jig at die bonding
CMP polishing head



Automobile

Cylinder head gasket, Brake pad,
Stacked ceramic lamination equipment, Mold, Fuel cell,
Injection molding machine



Printed-circuit board

Dry film resist (DFR) lamination
Squeeze pressure on the cream solder printer, Laminated ceramic lamination equipment, Rubber contact roller mounting



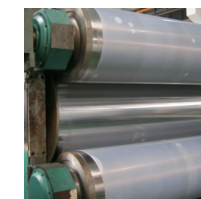
Ceramic

Lamination equipment for laminated ceramic devices



Metal

Roll product winding,
Calender roll



Paper

Size press rubber roll,
Roll product winding,
Calender roll

Instruction



PRESCHECKER

P R E S S U R E M E A S U R E M E N T F I L M



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