



Pressure Metrics LLC.

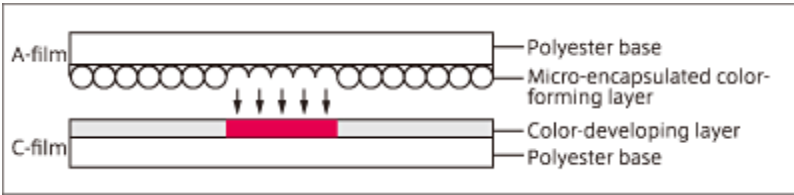
A clamp is a fastening device to hold or secure objects tightly together to prevent movement or separation through the application of inward pressure. There are many types of clamps available for many different purposes. Some are temporary, as used to position components while fixing them together, others are intended to be permanent. Anything which performs the action of clamping may be called a clamp, so this gives rise to a wide variety of terms across many fields.

Some examples of clamps are: Band clamp, C-clamp, Gripe, Miter clamp, Set screw, etc.

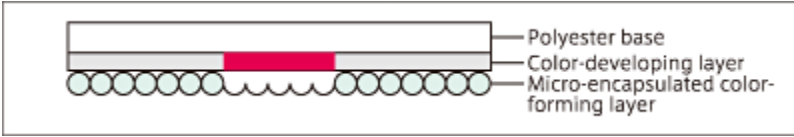


Simply place the Fujifilm Prescale material between any two surfaces which come into contact. Varying colors of red patches will instantly appear on the film, revealing the pressure distribution between the surfaces. Furthermore, the intensity of the red colors of the film is related to the amount of pressure applied to it.

Two-sheet Prescale Film: Prescale Film is composed of an A-Film, which is coated with a micro-encapsulated color-forming material, and a C-Film, which is coated with a color-developing material. The A-Film and C-Film must be positioned with the coated sides facing each other.



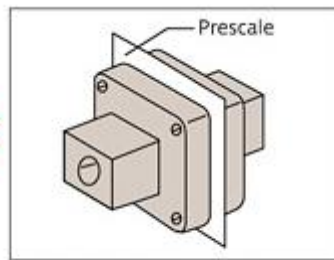
Mono-sheet Prescale Film: The color-developing material is coated on a polyester base, with the micro-encapsulated color-forming material layered on top.



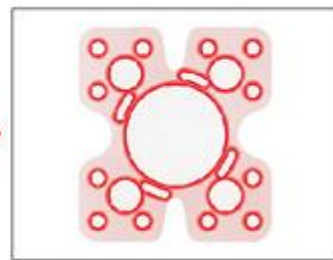
Prescale film is easy to use:



① Cut Prescale to desired dimensions



② Insert Prescale in desired location and apply pressure



③ Remove Pressure and Prescale and you can now See and check the pressure and it's distribution

Ranges:

EXTREME LOW (4LW)	7.2 ~ 28 PSI (0.5 ~ 2 kg/cm ²)	10' x 10.6" (3m x 270mm)
ULTRA SUPER LOW (LLLW)	28 ~ 85 PSI (2 ~ 6 kg/cm ²)	16' x 10.6" (5m x 270mm)
SUPER LOW (LLW)	71 ~ 355 PSI (5~25 kg/cm ²)	19' x 10.6" (6m x 270mm)
LOW (LW)	355 ~ 1,420 PSI (25~100 kg/cm ²)	39' x 10.6" (12m x 270mm)
MEDIUM (MS)	1,420 ~ 7,110 PSI (100~500 kg/cm ²)	39' x 10.6" (12m x 270mm)
HIGH (HS)	7,110 ~ 18,500 PSI (500~1,300 kg/cm ²)	39' x 10.6" (12m x 270mm)
SUPER HIGH (HHS)	18,500 ~ 43,200 PSI (1,300~3,000 kg/cm ²)	39' x 10.6" (12m x 270mm)

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