

PRESCALE

Extreme low

**NEW LOWER
PRESSURE
RANGE**

7.2 - 28 PSI (0.5 - 1.97 kg/cm²)

Fuji Prescale® reveals the pressure distribution and magnitude between contacting or impacting surfaces.

Extreme low is the newest addition to the Fuji Prescale® line. Now you can characterize surface pressure down to an unbelievable 7.2 PSI (0.5 kg/cm²)!

Simply place Fuji Prescale® pressure indicating sensor film between any two surfaces that touch, mate or impact. Apply pressure, remove it and immediately the film reveals the pressure distribution profile that occurred between the two surfaces. Conceptually similar to Litmus paper, the color intensity of Fuji Prescale® is directly related to the amount of pressure applied to it. The greater the pressure, the more intense the color. The Color can be visually compared to our color correlation chart or scanned and quantified with one of our optional optical imaging systems.

Extreme low is very thin (8 mils) which enables it to conform to curved surfaces. It is ideal for invasive intolerant environments and tight spaces not accessible to conventional electronic transducers.

COMMON APPLICATIONS INCLUDE

- Heat sink / PCB's
- Wafer polishing
- Lamination presses
- Flow check for fuel cell stacks
- Roller pressure
- Winding pressure for high performance films
- Squeegee pressures

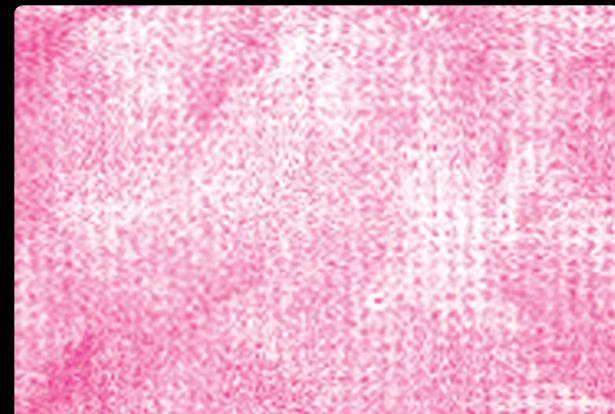
PHYSICAL SPECIFICATIONS

PRESSURE RANGE	7.2 to 28 PSI (0.5 to 1.97 kg/cm ²)	ROLL SIZE	9.8 ft x 12.2 in (3 m x 310 mm)
OPERATING TEMPERATURE	41 to 95°F (5 to 35°C) (much higher for brief exposure)	SUBSTRATE	Polyethylene Terephthalate (PET)
HUMIDITY RANGE	20 to 90% RH	ACCURACY	±10% visual, ±2% utilizing optional optical measurement systems
GAUGE	8 mils	SHELF LIFE	2 years
SPATIAL RESOLUTION	5 to 15 microns		

MSDS Available Upon Request.



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HEAT SINK



NIP IMPRESSION



LAMINATION PRESS

www.sensordprod.com

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