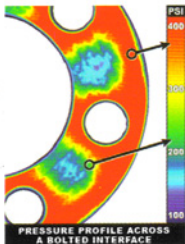
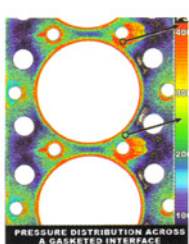


## Pressure-indicating sensor film



Pressurex is a tactile pressure-indicating sensor film from Sensor Products Inc that measures surface pressure distribution and magnitude between any mating or contacting surfaces.

In gasket and O-ring seal assemblies, it profiles interfacial contact, showing how surfaces engage and deform under stress to create sealing flaws and inconsistencies.

In hydraulics and pneumatics, it improves fluid power by diagnosing current and potential leakage areas in fittings, couplers and connectors.

It comes in the form of thin flexible plastic sheets and detects surface pressure from 2-43,200 psi (0.14 to 3000 kg/cm<sup>2</sup>).

When subjected to pressure, it instantly and permanently changes colour. This colour change is proportional to the actual pressure applied. Precise pressure magnitude is determined by comparing the resultant colour intensity to a colour correlation chart (conceptually similar to interpreting Litmus paper).

It is suitable for use in design and manufacturing as well as in machine and component inspection.