

## PRODUCTS & SERVICES

### Pressure-Indicating Film

A procedure for ensuring proper alignment of horn and anvil in ultrasonic welding applications involves the use of a pressure-indicating sensor film supplied by a manufacturer of tactile pressure-sensing solutions. Pressurex film used during system setup reveals whether the distribution and magnitude of pressure between the two contacting surfaces are within parameters and thus will result in welds of sufficient bond strength. It instantaneously and permanently changes color in direct proportion to the pressure applied in the operation so that the precise pressure in pounds per square inch can be determined through comparison with a color correlation chart. Because the sensor film is only 4 to 8 mil thick and flexible, it conforms to curved surfaces. It can even detect pressure variations caused by dirt or residue on the horn.



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[www.sensorprod.com](http://www.sensorprod.com)