

Sensor Products, Inc.**Testing of Impact of Particulate Sprays Possible with Use of Thin Sensor**

East Hanover, New Jersey. Sensor Products Inc. introduces Pressurex[®], a tactile force indicating sensor film. The sensor (also known as a TPSF) is useful in assessing compression magnitude and distribution between any two mating or impacting surfaces. Applications exist for both manufacturing process control and machine/component inspection and calibration. The film contributes enormously to the R&D and QC areas within the scope of particulate flows and sprays. Pressurex has been useful in assisting with calibration/prototyping of nozzle design, adjustment and optimization of powder coatings, testing impact of plasma and flame spraying, surface enhancement (shot peening), and particle erosion and wear studies.

Pressurex sensor film comes in the form of a large thin sheet, physically similar in appearance to this page. When placed in between impacting or mating surfaces, the sensor film instantly-