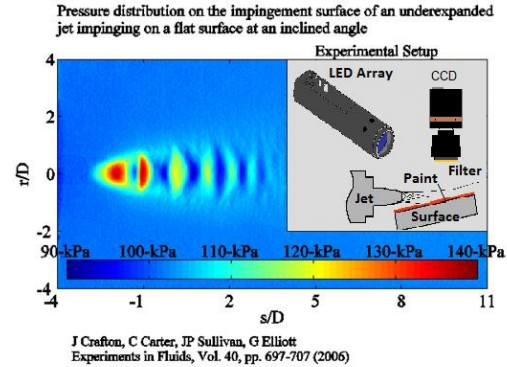


UniFIB™ Pressure Sensitive Paint (Product ID: UF-XXX)

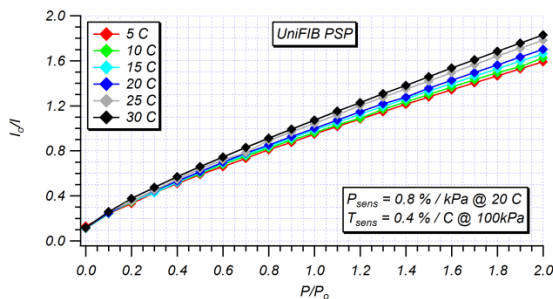
UniFIB™ is a bright single-luminophore pressure sensitive paint (PSP) formulated to be applied with paint spraying equipment as a single component PSP optimized for maximum luminescent signal while maintaining high pressure sensitivity and low temperature sensitivity. This paint formulation may be excited effectively from 370-nm to 520-nm, however, 400-nm radiation from LM2X-400 LED modules is recommended. The paint may be applied to most materials, though models constructed of materials that may be attacked by solvents, such as plastic or rapid prototyping resins, should be coated with a base coat such as SCR-100 (Screen layer) or FB (FIB Basecoat™). The calibration of UniFIB™ is very stable and repeatable thus UniFIB™ is recommended for advanced/professional PSP users who seek high-quality data up to transonic flow conditions.



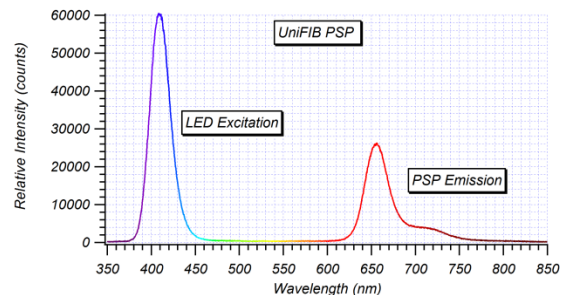
Example of pressure measurements accomplished using UniFIB™ PSP

SPECIFICATIONS

- Pressure sensitivity 0.7% per kPa
- Pressure range 1-kPa to 200-kPa
- Temperature sensitivity 0.5% per °C
- Temperature range 0°C to 50°C
- Response time 300-ms
- Excitation 380-nm to 520-nm
- Emission 620-nm to 750-nm
- Photo-degradation rate 1% per hour
- Shelf life 12-months
- ECCN EAR99



Calibration of UniFIB™ PSP



Emission spectra of UniFIB™ PSP.
Paint excited using LM2X-DM-400 LED.

Innovative Scientific Solutions, Inc.
7610 McEwen Road, Dayton, OH 45459
Phone (937) 630-3012 Fax (937) 630-3015

email: spalluconi@innssi.com
web: www.psp-tsp.com

Any and all underlying information and technology contained in this document may be subject to U.S. export controls, including the Export Administration Act (50 U.S.C. Appx. §§ 2401 et seq.) and the Export Administration Regulations ("EAR", 50 C.F.R. Parts 730-774), and may be subject to export or import regulations in other countries. You are responsible for complying with all trade regulations and laws both foreign and domestic. Except as authorized by law or distributor agreement with ISSI, you agree and warrant not to export or re-export the information to any country, or to any person, entity, or end-user subject to U.S. export controls, including without limitation persons or entities listed on the U.S. Department of Commerce Bureau of Export Administration's Denied Parties List and the U.S. Department of Treasury's Specially Designated Nationals. You further represent and warrant that no U.S. federal agency has suspended, revoked, or denied your export privileges.