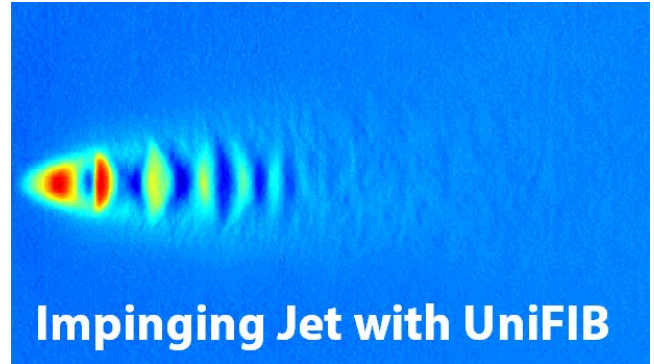


UniFIB® Pressure Sensitive Paint

(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 ISSI 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). 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.

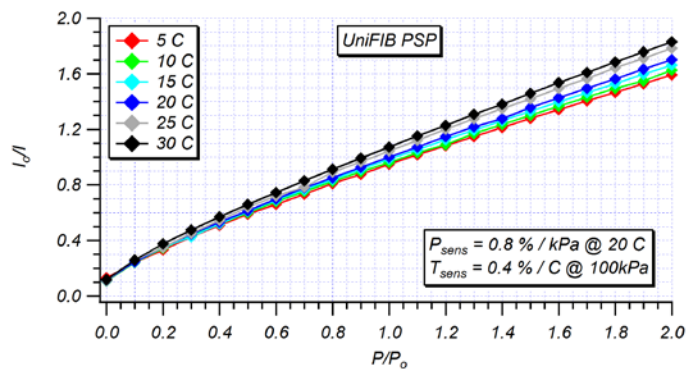


SPECIFICATIONS

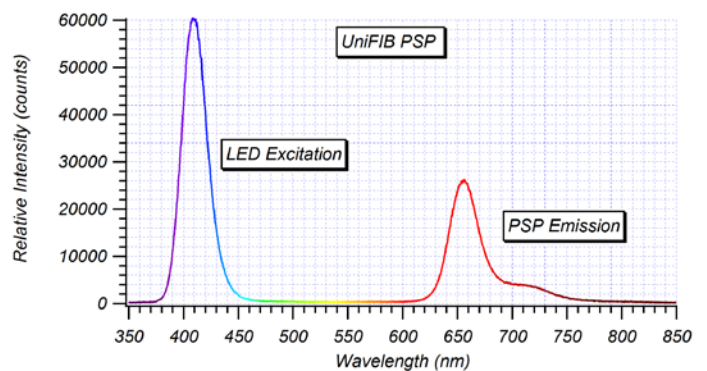
Pressure sensitivity	0.8% per kPa
Pressure range	0-kPa to 200-kPa
Temperature sensitivity	0.4% per °C
Temperature range	0°C to 50°C
Response time	300 ms
Excitation	380-nm to 520-nm (400-nm ideal)
Emission	620-nm to 750-nm
Photo-degradation rate	1% per hour
Shelf life	12-months
Filter	610-nm
ECCN	EAR99



Available quantities: 200-, 400-, 750-ml



Calibration



Spectral Response