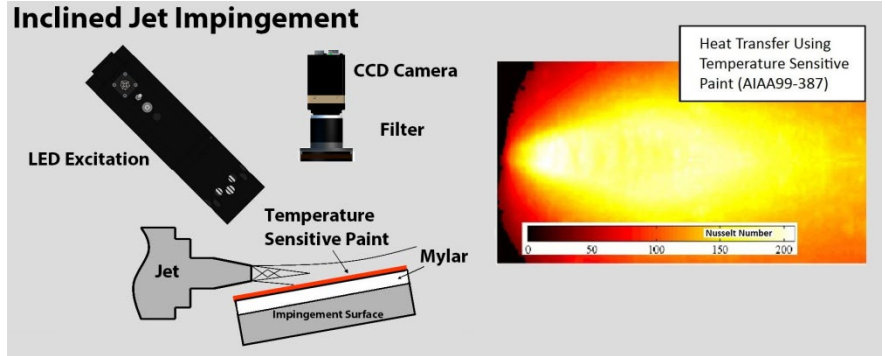


UniTemp Temperature Sensitive Paint

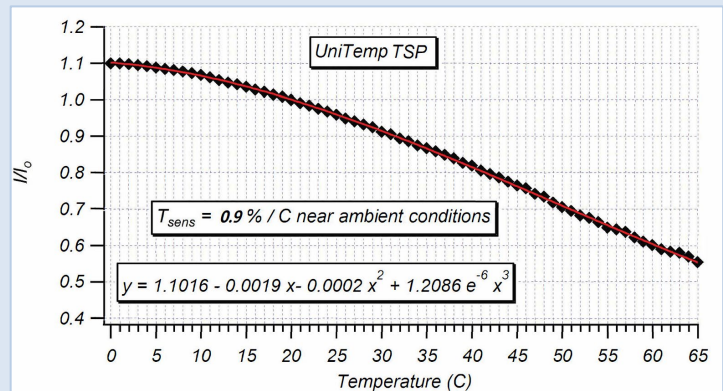
(Product ID: UNT-XXX)

UniTemp is a single-luminophore, single application temperature sensitive paint. The TSP may be applied to most surfaces, but a screen layer such as SCR or FB is recommended for plastics and rapid prototyping resins to protect the surface from solvent damage. A desirable feature of UniTemp is ease of application. Simply shake the can and spray the surface. The result is a single coat application paint that may be applied directly to most materials. UniTemp is an effective quantitative TSP. It is also effective in compensating for errors due to model displacement and deformation. UniTemp is recommended for both advanced TSP users who seek quantitative data and users who seek to gain experience with temperature sensitive paints.

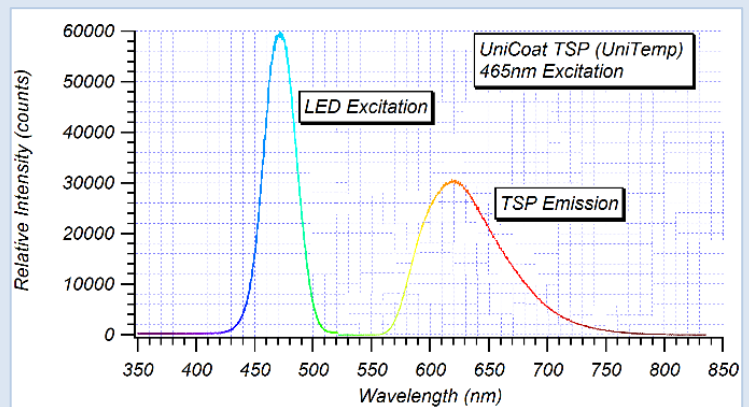


SPECIFICATIONS

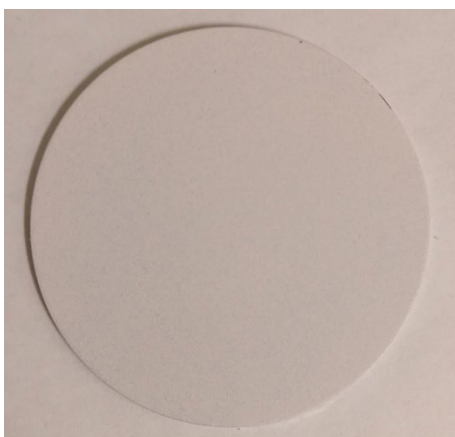
Pressure sensitivity	0.0% per kPa
Pressure range	1-kPa to 10-MPa
Temperature sensitivity	0.9% per °C
Temperature range	10°C to 80°C
Response time	750 ms
Excitation	380-nm to 520-nm (460-nm ideal)
Emission	500-nm to 720-nm
Photo-degradation rate	1% per hour (Excitation)
Shelf life	12-months
Filter	550-nm
ECCN	EAR99
Available Quantities	12-oz aerosol can, or 200-, 400-, 750-ml



Calibration



Spectral Response (TSP Emission Scaled)



UniTemp TSP