

UV Resources EncapsuLamp™

EncapsuLamp lamp encapsulate uniquely contains all lamp materials of a broken lamp. Made of PTFE (Polytetrafluoroethylene), the technology can isolate residues of glass, mercury and other contaminants and is completely disposable. The near destruction-proof construction therefore allows UV-C energy to be used most anywhere including critical venues such as pharmaceutical and food processing plants, and even in patient care applications in hospitals or nursing homes, etc., wherever these materials are thought to present a contamination problem. It further insulates a lamp's surface from temperature changes, thus maximizing its output and performance in all HVAC equipment environments.

EncapsuLamp is standard on the RLM Xtreme and optional on all other products including the Direct Fit replacement lamp series.

TECHNICAL DATA SUMMARY			
BEFORE SHRINKING		AFTER SHRINKING	
Shrink temperature	330°C	Working temp. range	-200 to 260°C
Shrink ratio	2:1 or 4:1 nominal	Chemical resistance	Virtually total
Shelf life	Infinite	Water absorption	0.01%
Max. Storage temperature	100°C	Hardness	D55
Colour	Translucent	UV resistance	Completely unaffected
Toxicity	Completely non-toxic	Coefficient of friction	0.01
Length change on shrinking	+/-12%	Flammability	Non-inflammable (naturally)
		Radiation resistance	0.3 megarad
		Melt temperature	Does not melt

