



VULCAN

INFRA-RED EMITTERS APPLICATIONS TEXTILES & PAPER INDUSTRY

Curing Inks On Textiles

Vulcatherm Medium Wave Quartz Infra-Red Emitters provide quick drying benefits to the screen printing industry in drying units as used by Zadu Screen Print. Medium wave Infra-Red units have been used since the energy can penetrate to a considerable depth into an ink film, without excessive amounts of energy passing through overheating the substrate. The drying cycle for individual colours is six seconds.



Vulcatherm medium wave emitters provide heating which when linked with a suitable control system provides fast and responsive control but is not prone to the colour selectivity of shorter wave length heaters, this factor allows for consistent drying times and improved production efficiency.

Inks that are particularly suited to infra-red drying are the formulations which cure by thermally induced polymerisation.

Application Information

Emitter Type :	Q10 400W
Unit Rating :	4.8Kw
Power Density (total)	24Kw m ⁻²

DISCLAIMER

Any advice, opinion, recommendation or information is given to assist the use of the company's products but on the basis that the end user must ensure their suitability for the application intended.

In particular the company cannot accept liability for loss or damage which may arise from the incorrect use of its products or from poor workmanship on the part of the user.

Information is compiled from routine quality control testing and does not constitute a specification.

Information is provided in good faith and is subject to review whenever necessary and no guarantee or warranty is implied.

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