

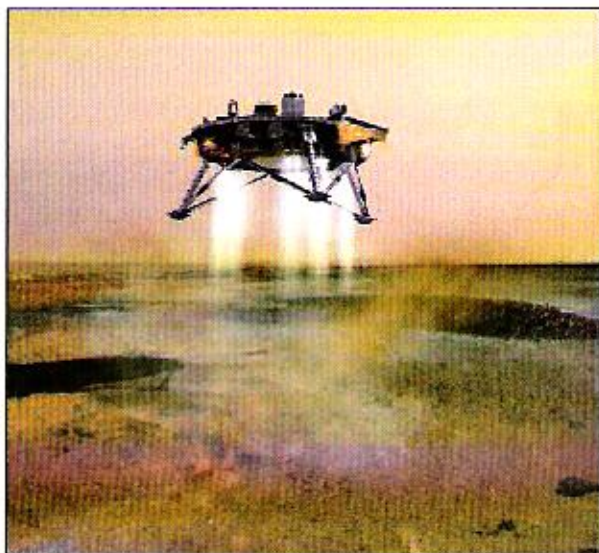
Panorama® Allows RJR Circuits a Shot to Mars

RJR Circuits is a printed circuit board (PCB) manufacturing facility located in Denver, Colorado. Their PCBs are used in all types of satellite systems, space stations, aircraft and missiles. To continue providing superior quality circuitry, RJR Circuits needed to protect their ultra-sensitive film processing area from ultraviolet (UV) light which could significantly alter the imagery. After evaluating the best method of protection from UV rays in the film processing area, they turned to Jerry Burns, owner of Sun King, in Denver.

Burns knew that RJR Circuits had strict requirements to eliminate exposure of the film to UV rays, so Panorama® Slate 30 was the specialized film chosen for this job. Slate 30 offers substantial heat and glare reduction, added privacy and allows energy-efficient natural light to the building. In addition, this lightly tinted film is not noticeable from inside, so RJR Circuits could maintain its existing environment, yet ensure full solar protection of the sensitive photo circuit processing room. Panorama Slate 30 was chosen over competitors because it had proven the most effective in blocking damaging ultraviolet radiation (rays below 380 nanometers), yet it would allow visitors touring the plant clear views through film processing observation areas.

RJR Circuits found it was important to invest in their facilities and equipment to maintain a competitive edge in the market, and the installation of Slate 30 became an important step. Their investments have paid off; in fact, RJR Circuits recently provided prototype and flight PCBs for the Phoenix Mars Lander.

When exacting solar protection is required, Panorama performs without flaw.



"This project was relatively small in square footage, but significant in meaning," said Sharon Kutcher, VP of Operations, RJR Circuits. "It was a pleasure to work with Jerry Burns and the Sun King team and we are thrilled with the results."

Installation Summary

Business:	Sun King
Dealer:	Jerry Burns
Location:	Denver, Colorado
Specialty:	Denver, Colorado
Primary film used:	Panorama® Slate 30
Amount of film installed:	40 square feet
Benefits experienced:	Protect against UV exposure in photo circuit processing room