

CASE STUDY

Category: Solar Energy Industry



Seal solution means significant savings for solar firm.

Client:	Solyndra - designs and manufactures solar photovoltaic (PV) systems, comprised of panels and mounts, for the commercial rooftop market.
The Challenge:	An engineer with Solyndra, a manufacturer of cylindrical shaped thin-film solar panels, needed a passive seal solution to reduce krypton waste from a gas bag fabrication machine. The company turned to Pacific Rubber for the creation of a series of seal prototypes that would stem the loss of the chemical gas, literally creating significant savings for Solyndra every week.
The Process:	<ul style="list-style-type: none">• A Pacific Rubber sales representative recommended a unique freezing process for the development of a custom elastomer seal.• A prototype was quickly developed and delivered, without the need for multiple molds or waiting for a final product for testing.• Clients need for multiple prototypes to test the sealing concept was met in a timely manner.
The Result:	A client's need for a custom seal to solve a functional and financial problem was met in a matter of days. Not only did Pacific Rubber use an innovative technique to develop the custom elastomer seal, multiple prototypes were developed in a timely manner in order to meet an engineer's critical need. The finished seal significantly reduced Solyndra's cost of goods sold.



“Pacific Rubber’s fast turnaround time, technical input and manufacturing techniques saved time and allowed us to quickly find a seal solution.”

Ralph Wadensweiler
Director of Engineering Solyndra



Performance Delivered.

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