



COLONIAL SEAL COMPANY

Manufacturers and Distributors of Custom Shaft Seals, Oil Seals, Hydraulic Seals & Mechanical Seals
www.colonialseal.com

August 22, 2007

FOR IMMEDIATE RELEASE

Contact: Kirk Leach
Marketing Manager
800.564.2201

Colonial Seal Co. Offers Customized Spring Loaded Seals

Gloucester City, NJ - Colonial Seal Company, the New Jersey based manufacturer and distributor of standard and custom seals is pleased to announce that the company offers custom designed, large diameter spring loaded seals. "This is a great complement to the standard sealing solutions that we currently offer and leverages Colonial Seals' technical expertise to offer a cost efficient solution that reduces downtime and minimizes maintenance costs," says Mr. Kevin Desmedt, Operations Manager, Colonial Seal Company.

Large diameter spring loaded seals from Colonial Seal Company are typically designed for use in heavy-duty applications under challenging conditions such as paper and pulp processing, mining, steel mills and power generation. The seal design features an outer and inner shell made of mild steel as standard. The spring retainer is made of stainless steel and the sealing lip is held in place with a garter spring of galvanized steel. The sealing elements options include nitrile, viton or silicone and are available in sizes ranging from 5.9 inches OD to 68 inches OD. These seals perform in pressures up to 10 bar with sealing surface speeds up to 49 feet per second. These seals are generally used for retaining oil and are

136 Washington Avenue • Gloucester City • New Jersey • 08030
Phone: 800.564.2201 • Fax: 856.456.5020
ISO 9001 CERTIFIED / UL LISTED

COLONIAL SEAL COMPANY

Manufacturers and Distributors of Custom Shaft Seals, Oil Seals, Hydraulic Seals & Mechanical Seals
www.colonialseal.com

excellent under conditions where the shaft may be misaligned up to .026 inches. In heavy-duty applications or severe conditions, the added security of a garter spring prevents against leakage that could result in equipment downtime, personnel injury or environmental contamination. The spring loaded seal can be used as a replacement or alternative to the Garlock 64 and Gaco SMK styles.

Customers seeking to reduce their overall costs because there are no tooling charges, no minimum order quantities, no design costs, and short production times should evaluate this proven seal.

Features	Benefits
No tooling charge or minimum quantities	Lower initial costs and no inventory carrying costs
Specialized manufacturing process and design	Custom designs, and replacement of discontinued or obsolete seals
24 - 48 hour production with delivery under 7 days	Reduced equipment downtime, minimal lead time
Mild steel inner and outer casing	Reduced wear to sealing lip and shaft due to corrosion
Galvanized steel garter spring	Improves sealing lip retention even under misalignment

As an added benefit to customers, Colonial Seal offers seal design and failure analysis consulting. Customers who have experienced seal failures are encouraged to contact Colonial Seal to ascertain the root cause of the failure. Our engineering team will assist clients with the design and testing of a sealing solution aimed at avoiding unplanned shutdowns, reducing maintenance costs and improving productivity.

COLONIAL SEAL COMPANY

Manufacturers and Distributors of Custom Shaft Seals, Oil Seals, Hydraulic Seals & Mechanical Seals
www.colonialseal.com

To learn how Colonial Seal Company can provide a sealing solution for your company call us at 1.800.564.2201. If you have an application that requires a sealing solution, visit our website at www.colonialseal.com to submit your specifications and a Colonial Seal representative will contact you with possible solutions. Contact us if you would like a sample of these products, or for information on our other product lines including oil seals, hydraulic seals, rotary shaft seals and mechanical seals in metric or standard sizes.

About Colonial Seal

Founded in 1994, Colonial Seal Co. is headquartered in Gloucester City, New Jersey. Colonial Seal Co. is a manufacturer and distributor of hydraulic seals, mechanical seals, oil seals and rotary shaft seals. Through a global network of manufacturers, Colonial Seal Co. can produce custom seals designed for a client's unique sealing applications. Colonial Seal Co. is ISO 9001:2000 certified; and an Authorized Small Business Supplier to the Government.

###