Phoenix Ring Manufaktur / References ‚Industry'

***Sialex®Rings** are employed by a wide range of customers both Industrial as well as residential. We have included a representative sample of clients as well as identifying the application in which the devices are employed.*
(Please contact us should you require additional information)

Customer:	Country:	Description:	Application:
Walmart	Chile	Worldwide active American retail group	Lime scale treatment in an industrial canteen kitchen
Baotou Steel Group Corp.	China	Steel producer	Scale control in „smelting facility"
Fresenius Kabi	China	Food processor	Cooling tower de-scaling
Huarun Xuehua Beer Co., Ltd.	China	Brewery	Scale control botte washing units
HEP	Croatia	Croatian electricity supplier	Protection against limescale deposits in the cooling water circuit
NEXE Group	Croatia	Production of building materials such as cement, concrete, brick and ceramics	Lime treatment in several cooling towers, heat exchangers etc.
OBOKOV	Croatia	construction company	Protection against limescale deposits in sanitary facilities/equipment
University of Zagreb	Croatia	Student residence	Protection against limescale deposits throughout the entire residence
Cubanacán	Cuba	Largest hotel chain Cubas	Scale and rust control in several existing buildings
Havanna Airport	Cuba	Largest and most important airport of Cuba	Treatment of lime scale in several cooling towers, heat exchangers etc.
Hotel Meliá Cohiba	Cuba	5-star luxury hotel in Havana	Lime scale treatment in the entire hotel
Hotel Mercure Sevilla	Cuba	3-star hotel of the year 1908. In the center of Havana. The hotel is part of the Accor-group	Lime scale treatment in the entire hotel

Hotel Tryp Cayo Coco	Cuba	Hotel complex on the offshore island of Cayo Coco	Use in the heat exchanger: improvement of water flow and hot water production
Los Portales, Nestlé	Cuba	Joint Venture between „Food Corporation of Cuba" and the Nestlé Group	Scale in the cooling circuit incl. boiler
Palco Real estate	Cuba	Facility-management company	Scale and rust control in several existing buildings
Santiago de Cuba Airport	Cuba	National and international airport	Treatment of lime scale in several cooling towers, heat exchangers etc.
Starbucks	El Salvador	World-renowned coffee chain	Ice cube machine
Bouygues Energie & Services	France	Global group in the fields of energy, digitization and industrial transformation	Limescale & rust in different areas
Engie	France	Global group in the fields of gas, renewable energies and services	Limescale & rust in different areas
Hôtel FACE A LA MER	France	Hotel in Normandy	Limescale treatment throughout the hotel
Idex Energie	France	Local and low-carbon energy supply	Limescale & rust in different areas
Mairie de Pelleautier	France	Municipal administration of Pelleautier, a village in the Provence region	Lime treatment throughout the municipality
Naphtachimie	France	Production of petrochemical products such as ethylene, propylene, butadiene and aromatics	Used in cooling towers and heat exchangers cooled with seawater
Congregation Groß-Zimmern	Germany	Evangelical parish, Groß-Zimmern	Lime treatment of the community well
Dörr CNC GmbH	Germany	Metal forming company	Scale in cooling water circuits. Scale in machine circuits
Dr. Köhler Chemie	Germany	Pharmaceutical company	Lime scale in administration building and production
Fagerdala	Germany	Manufacturer of PP packaging	Extrusion system de-scaling
GfdE (Diaconal institution)	Germany	Diaconal carrier for 13 Centers for the elderly, residential homes for the elderly and nursing homes	Scale and rust control in different applications and locations.

Merck Darmstadt	Germany	Pharmaceutical & Technology group	Limescale deposits in the cooling circuit incl. heat exchanger
Schupp-Dingeldein	Germany	Plumbing and sanitary equipment installation	Scale and rust control in water circuits on customer sites
Schwörer Haus KG	Germany	Pre-fabricated home construction company in Germany, Austria and Switzerland	Scale and rust prevention in newly constructed homes
Sprudelhof Foundation, Bad Nauheim	Germany	Spa and historical building	Scale and corrosion control in spa water pipes and fountains
Tennis court Büdingen	Germany	Indoor sports venue	Scale throughout water pipes
McDonald's	Guatemala	Approx. 30 fast food restaurants owned by a franchisee	Use in ice cube machines
Cementos Progreso	Guatemala	Cement production	Installed on one of five heat exchangers in cement production
Normandía	Guatemala	Production of dairy products	Installed on the milk supply line of the pasteurisation heat exchanger to remove and prevent milk stone deposits.
ONGC	India	Oil platform – oil production	Treatment of slag and deposits upstream of separators and in water-carrying pipes
PlateTek Engineering Limited	Ireland	Maintenance, repair and certification of heat exchangers	Lime treatment in a tube bundle heat exchanger
Hewlett Packard	Israel	Provider of technology solutions in the IT sector	Lime scale in boilers
Tnuva Dairy	Israel	Largest dairy group of Israel	A wide range of warm water applications / special application
Appartment complex Edeficio	Mexico	Complex with 30 apartments in Mérida Yucatán	Installation on the main cold water pipe: limescale protection (e.g. pool)
BOUTIQUE HOTEL NIDO	Mexico	Hotel on the Mexican island of Holbox	Protection against lime scale at the inlet of the 2,000 liter tanks

PRICE SHOES	Mexico	'República Mexicana'. Trade chain for various goods	Installation on the main line of the air conditioning units
Shopping Center Plaza Milienium (1000)	Mexico	5 floors, gastronomy, cafeteria, DHL, ESTAFETA, laboratories, etc.	Protection against lime scale at the inlet of the 3x2,500 liter tanks
Wood Factory	Mexico	Hotel furniture manufacturing	Protection of the entire hydraulic system and especially of the 3 fully automatic dry kilns
Aluxes, Mérida	Mexico	Hotel complex	Installation in the main pipes of the cold water line to the boiler and to the heating plant
Ductor energy, Aguascalientes	Mexico	Production of fertiliser based on chicken manure	Problems caused by struvite deposits in tanks, decanting vessels, heat exchangers and in the main pipes.
Sabropollo, Aguascalientes	Mexico	Heat exchangers and pumps	Problems with deposits and pressure drops in heat exchangers and pumps.
PPG COMEX, Querétaro	Mexico	Production of automotive paints	Installation on water pipes of reactors for mixing raw materials for paint production. Improvement of temperature and production time as well as the quality of the end product.
Grupo Cardín, Mérida Yucatán	Mexico	Production of fried foods	Installation on the supply line of a water treatment plant for production lines to protect the softening and osmosis systems.
Autlán, Puebla	Mexico	Manganese mine	Installation on the cooling water pipe of an industrial furnace used to heat raw materials. On a pipe through which the furnace electrodes are cooled.

First Majestic, Tayoltita, Durango	Mexico	Silver and gold mine	Installation in the return line for cyanide-containing effluent, which is treated for various processes. Original flow rate: 120,000 l/h Flow rate before using Sialex: 35,000 l/h Flow rate after 2 months with Sialex: 70,000 l/h
Hotel casa de la playa xcaret, Quintana Roo	Mexico	Hotel complex -SPA	Installation of two systems in the cold water pipe of sauna steam generators
CFE, San Luis Potosí	Mexico	Electric power generation	Installed in the central supply line upstream of the turbine and heat exchanger
CFE, Campeche	Mexico	Electric power generation	Installed on a supply line to the cooling tower
La casona de sisal, Sisal, Yucatán	Mexico	Hotel complex	Central cold water pipe for the entire hotel and kitchen
Sayer Lack Querétaro	Mexico	Colours Production	Installed on the boiler supply line
Torre océano, Mérida Yucatán	Mexico	146 apartments	Reduction of scale deposits in the main pipes. The main problem was the failure of the water heater (hot water pipe).
Meriden, Mérida Yucatán	Mexico	107 apartments	Protection against limescale deposits in the main pipes. Initial problems with limescale deposits also occurred in the spa area.
Hielos Juni	Panama	Ice cube factory	Sialex® keeps the cooling system free of deposits and relieves the load on the compressors
Menorca Private Owners	Spain	Management / service provider to private villa owners in the island of Menorca	Scale control in existing properties

Chungwa Telecom	Taiwan	Telecoms provider	Cooling tower de-scaling
Honda	Thailand	Car manufacturer	Scale in the cooling circuit incl. cooling tower and several heat exchangers
KINGFISHER	Thailand	Food company specialising in fish and frozen foods	Treatment of the evaporative cooling system
Tesco Lotus	Thailand	Largest supermarket chain in Thailand	Limescale in the cooling circuit with connected "Condenser", cooling tower and various heat exchangers
Toyota	Thailand	Car manufacturer	Scale in the entire cooling circuit incl. condenser, cooling tower and several heat exchangers
Transitions Optical	Thailand	Internationally operating company in the spectacle lens area	Treatment of lime scale in the “chiller”
La Magnolia	Uruguay	Production of dairy products	Installation in the central water recirculation system of the yoghurt production facility and in various other areas.

Sialex®Rings are used by property management companies, industrial clients, hotels, commercial properties, as well as some well-known “Blue Chip” German enterprises involved in transport and logistics. Our products are used discretely or as part of a “preventative maintenance” program.

Phoenix Ring Manufaktur supplies devices to fit water pipes up to 48“ diameter, handling water volumes in excess of 1,000 m³/h. Our experience, gained over many years benefits our customers.