Piston Rings

Super Circle's automotive venture began with the production of piston rings over 50 years ago. The company manufactures piston rings for tractors, passenger vehicles, commercial vehicles, motorcycles, stationary engines, compressors and special applications. The company has expertise in production of piston rings for high performance applications. It's products are used in Deutz, Massey Ferguson/Perkins, John Deere, Ford, Fiat, Renault, Peugeot, DAF, Volvo and Lister among others.

Over 75% of the production is being exported mainly to countries in Europe and America. There are OEM supplies to many companies in India as well as overseas. The rest of the production is being supplied to government departments and domestic aftermarket dealers all over India.

The engineering staff designs the piston rings for maximum efficiency over the life of the engine. All the piston rings are designed with latest techniques like AutoCAD . Each piston ring is made from highest quality raw materials and machined to OEM standards. Statistical Process Control has been applied at all critical processes to control the quality. The company has a very progressive environment. All the members, from machine operators to top management personnel are involved in contributing to achievement of the quality objectives.

There are over 100 employees involved in design, production and despatch of piston rings. The strictest quality control measures are followed for all the parameters at all stages of production.

Applications:	Off-road vehicles, passenger vehicles, heavy and light commercial vehicles, motorcycles, stationary engines, compressors and special applications.
Diameter sizes:	10 – 400 mm
Materials:	High grade cast iron alloy / special alloy steel / S.G. iron
Construction:	Compression rings of shapes rectangular, keystone, taper periphery, bevelling, napier, etc.Oil control rings of shapes plain, bevelling, coil spring loaded, duaflex, 3 flex, etc.
Surface treatments:	Chrome plating, phosphating, tin/copper coating, gas nitriding, etc.