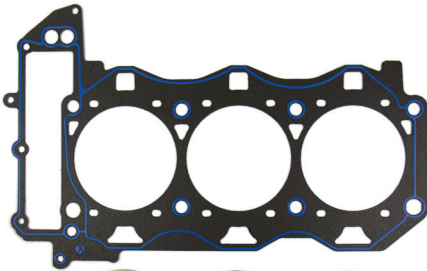


NEW RACING HEAD GASKETS

PORSCHE 911



Athena presents the new **Cut Ring** gaskets for **Porsche 911 6-cylinder engines**.

Cut Ring gaskets are the most suitable for turbo engines, which run at pressures exceeding 2 bar, and therefore require high mechanical and thermal resistance.

Athena's R&D department has engineered these gaskets to ensure **maximum sealing even at high pressures and temperatures**.

The OE gaskets, multilayer steel MLS, have been replaced by a composite material consisting of a two layers aramid fiber material, reinforced by a central stainless steel layer. **Stainless steel rings**, machined from solid, are positioned around the cylinder bore openings of the gaskets, instead of the classic fire rings. The gasket material developed by Athena perfectly **resists the stresses** of high compression engines and it is treated with special **anti-stick and anti-tear coatings**.

During installation, **no modification of the head or engine block is necessary**.

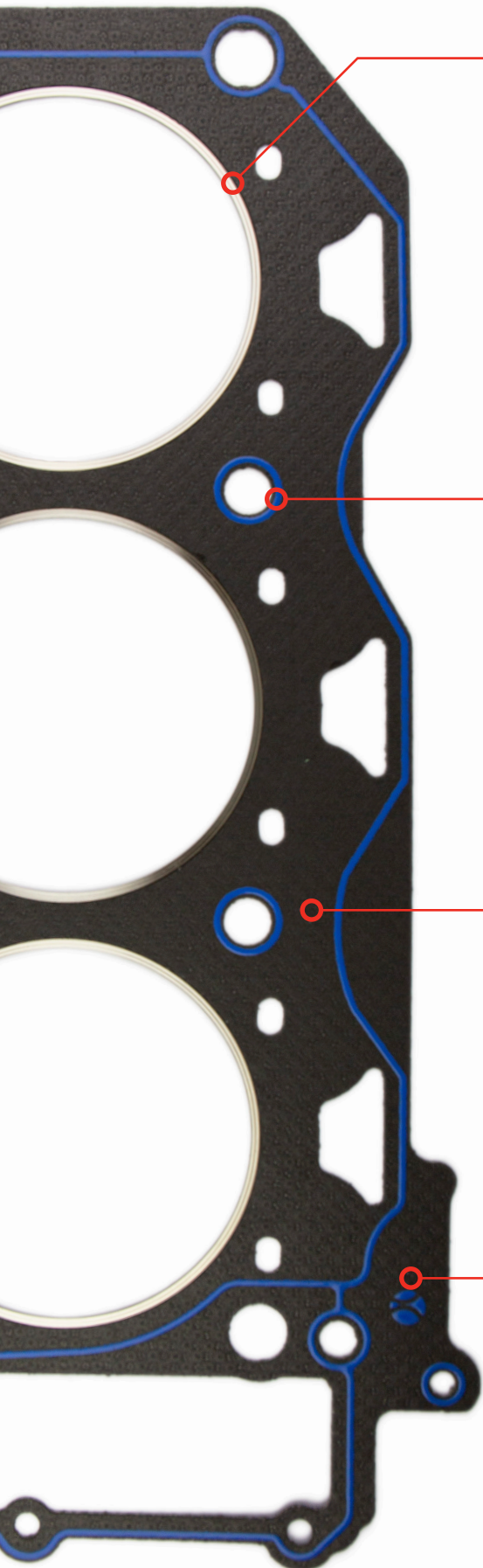
■ SINGLE GASKET PRICE

€ 150,00 (VAT excl.)

APPLICATION

DISPLACEMENT (cc)	ENGINE	APPLICATIONS	YEAR	GASKET BORE (mm)	THICKNESS (mm)	PART NUMBER	TECHNICAL DRAWING
2981-3800	MA1.70	911 997 TURBO 3.8L	10-13	103	1.00	330092R (left)	
	MA1.71	911 997 TURBO S 3.8L	11-13				
	MA1.75	911 991 TURBO 3.8L	14-16				
	MA1.76	911 991 GT3 3.8L	14-17				
	MA1.77	911 991 GT3 RS 3.8L	15-17				
	MDA.BA	911 991.2 TURBO 3.8L	17-18			330093R (right)	
	MDB.CA	911 991.2 TURBO S 3.8L	17-18				
	MDG.GA	911 991 GT3 3.8L	18-19				
	MDG.GB	911 991.2 GT2 RS 3.8L	18-19				
	MDH.NA						

*Please note this application list is only listing the most popular models.
For a full list of applications covered by gaskets, please check engine number



CUT RING

To ensure exceptional sealing, greater than the one given by conventional fire rings, the gasket comes with stainless steel rings around each cylinder bore. These rings ensure excellent **mechanical strength, heat dispersion capacity and tightness** in the combustion chamber.

Cut Rings are manufactured by machining centers with extremely tight tolerances. Their special cusp shape allows the gasket to fix on the cylinder head and to remain always in position, thus ensuring maximum tightness.

SILICONE BEADING

During the modelling phase, Athena R&D technicians study and define the critical areas of the gasket where it is necessary to **improve the seal** around the oil and coolant passages.

A silicone beading is thus applied with high-precision screen printing machines. An optimal sealing guarantees **maximum running efficiency** and avoids engine damages or decreased performance.

SURFACE COATING

The gasket is subsequently subjected to a **silicone-based** surface treatment to **prevent any sticking** to the cylinder head or the engine block, which would cause the gasket to tear and deteriorate over time, thus losing its sealing capacity.

MOTOR GASKET® SEALING MATERIAL

Developed by Athena's research laboratories, Motor Gasket® sealing material is conceived and produced to guarantee the **quality**, the **efficiency** and the **reliability** for which Athena stands out.

Available in various thicknesses and configurations, it guarantees **high mechanical and thermal resistance** and it **adapts** optimally to **sealing surfaces**. They are also **anticorrosion** and **resistant to oil, fuel** and to mixtures of water and **antifreeze**.