



NEW GASKET LINE

RACE GASKET

Another big change in our OFF-ROAD catalog is the new line of **RACE GASKET** designed for competition:

Athena has specifically designed this **RACE GASKET** for the Pro, Semi-pro, and Amateur riders who freshen up their engine prior to a race series or during mid season. The kit will include a top of the line MLSS (Multi Layer Stainless Steel) Head Gasket and two premium quality base gaskets, one of which has a reduced thickness of 0.1 mm, to optimize engine compression ratios. This new composition gives the rider/technician a choice to increase compression and decrease the squish in order to get better performances. It is all in one kit! Our **RACE GASKET** kits are very competitively priced and supplied in a captivating packaging. These are sure to be a strong seller in the marketplace!



Ryan Dungey - Supercross Series
RED BULL KTM US FACTORY RACING TEAM



Roger De Coster - Team Manager
RED BULL KTM US FACTORY RACING TEAM

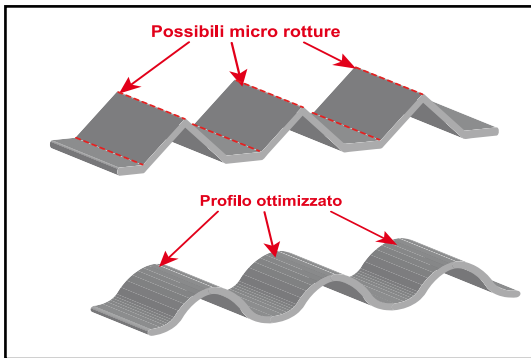


SUPERIOR PERFORMANCE THROUGH INNOVATION



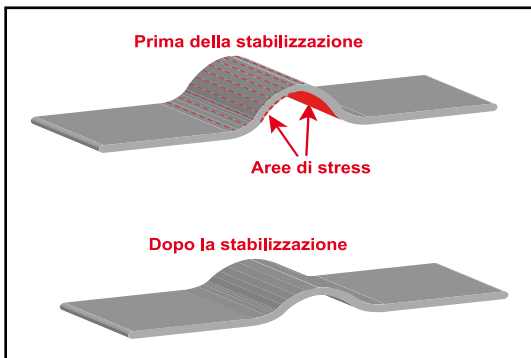
Raw Materials

Each Head Gasket configuration utilizes the best raw materials available, such as AISI 304 Stainless Steel. **Athena** utilizes state of the art processing such as in-line laser cutting and multi-stage stamping technologies. With our Multi-Layered Steel (MLS) Head Gasket, each layer is individually blanked and formed specially to optimize performance.



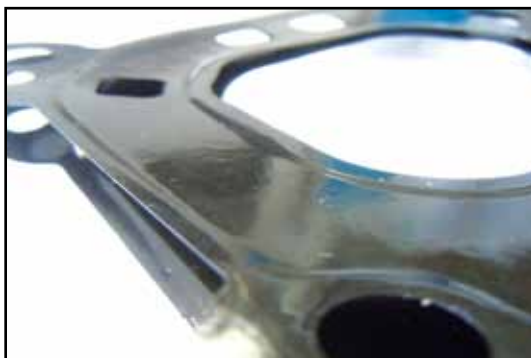
Optimized Embossing Formation

Through multi stage processing, our embossing process optimizes the radius in the bend areas. The result is reduction in stress points, improved conformability, and superior wet-out (contact area) that is superior to the competition. Our technology also provides a consistent inner flange spacing of (minimum 1 mm) from the edge to the embossed start point. This results in a superior seal in the embossed areas.



Stress Stabilization & Relaxation

This proprietary tempering process significantly reduces forming induced stresses. Pre-coated metal (used by competition) would not be able to survive this stabilization process. Advantages of a tempered metal are reduced hardness and brittleness, increased flexibility and deformation retention. This process dramatically increases the long term durability and reliability of each head gasket.



Proprietary Coating Technologies

Four different layers are used to provide the ultimate seal between the head and block mating surfaces. These coatings will normally eliminate the need for additional deck surfacing. Our coating processing provides 100% encapsulation of all exposed metal, far superior to the competition that has exposed raw steel on the edges. The layers include Fluoroelastomer (FKM) for extreme temperature and chemical resistance. This technology provides superior conformability, oxidation resistance, and better removability, even after extreme temperature exposure.





RACE GASKET KIT APPLICATION LIST

| Model | Years | P/N # |
|-------------------|-----------|------------|
| HONDA | | |
| 80 cc. CR 80 R | 1992-2002 | R2106-085 |
| 85 cc. CR 85 R | 2003-2007 | R2106-085 |
| 125 cc. CR 125 | 2000-2002 | R2106-058 |
| | 2003 | R2106-069 |
| | 2004 | R2106-096 |
| | 2005-2007 | R2106-178 |
| 150 cc. CRF 150 R | 2007-2012 | R2106-202 |
| 250 cc. CR 250 R | 1992-2001 | R2106-252 |
| | 2005-2007 | R2106-065 |
| 250 cc. CRF 250 R | 2004-2009 | R2106-09 5 |
| | 2010-2012 | R2106-245 |
| 250 cc. CRF 250 X | 2004-2011 | R2106-095 |
| 450 cc. CRF 450 R | 2002-2006 | R2106-064 |
| | 2007-2008 | R2106-215 |
| | 2009-2012 | R2106-239 |
| 450 cc. CRF 450 X | 2005-2012 | R2106-209 |
| 500 cc. CRF 500 X | 2005-2009 | R2106-209 |
| HUSABERG | | |
| 250 cc. TE 250 | 2011-2012 | R2706-045 |
| 300 cc. TE 300 | 2011-2012 | R2706-045 |
| KAWASAKI | | |
| 60 cc. KX 60 | 1985-2003 | R2506-061 |
| 65 cc. KX 65 | 2000-2012 | R2506-008 |
| 80 cc. KX 80 | 1998-2000 | R2506-089 |
| 85 cc. KX 85 / II | 2001-2012 | R2506-089 |
| 100 cc. KX 100 | 1998-2012 | R2506-104 |
| 110 cc. KLX 110 | 2002-2012 | R2506-030 |
| 125 cc. KX 125 | 2000-2002 | R2506-009 |
| | 2003-2008 | R2506-015 |
| | 2009-2012 | R2506-047 |
| 250 cc. KX 250 F | 2004-2008 | R2506-016 |
| | 2009-2012 | R2506-047 |
| 250 cc. KX 250 | 1993-2000 | R2106-252 |
| | 2001-2004 | R2506-011 |
| | 2005-2008 | R2506-021 |
| | 2008-2011 | R2506-024 |
| 450 cc. KLX 450 R | 2008-2011 | R2506-024 |
| 450 cc. KX 450 F | 2006-2008 | R2506-024 |
| | 2009 | R2506-048 |
| | 2010-2012 | R2506-055 |
| KTM | | |
| 250 cc. EXC 250 | 2005-2011 | R2706-045 |
| 250 cc. EXC-F 250 | 2005-2011 | R2706-016 |
| 250 cc. SX 250 | 2007-2012 | R2706-045 |
| 250 cc. SX-F 250 | 2006-2012 | R2706-016 |

| Model | Years | P/N # |
|-------------------|-----------|-----------|
| 250 cc. XC 250 | 2008-2012 | R2706-045 |
| 250 cc. XC-F 250 | 2008-2012 | R2706-016 |
| 250 cc. XC-W 250 | 2008-2012 | R2706-045 |
| 250 cc. XC-WE 250 | 2008 | R2706-045 |
| 250 cc. XCF-W 250 | 2008-2012 | R2706-016 |
| 300 cc. EXC 300 | 2009-2011 | R2706-045 |
| 300 cc. XC 300 | 2008-2012 | R2706-045 |
| 300 cc. XC-W 300 | 2008-2012 | R2706-045 |
| 350 cc. SX F 350 | 2011-2012 | R2706-056 |
| 350 cc. XC-F 350 | 2012 | R2706-056 |
| 350 cc. XCF-W 350 | 2012 | R2706-056 |
| 450 cc. SX-F 450 | 2007-2012 | R2706-036 |
| 450 cc. XC 450 F | 2008-2009 | R2706-036 |
| SUZUKI | | |
| 65 cc. RM 65 | 2003-2005 | R2506-008 |
| 80 cc. RM 80 | 1991-2001 | R2506-080 |
| 85 cc. RM 85 | 2002-2011 | R2506-034 |
| 100 cc. RM 100 | 2003-2008 | R2506-104 |
| 125 cc. RM 125 | 2001-2011 | R5106-143 |
| | 1996-1998 | R5106-240 |
| | 1999-2000 | R5106-241 |
| | 2001-2002 | R5106-031 |
| | 2003-2008 | R5106-035 |
| 250 cc. RM-Z 250 | 2004-2006 | R2506-016 |
| | 2007-2009 | R5106-050 |
| | 2010-2012 | R5106-076 |
| 450 cc. RMZ 450 | 2005-2006 | R5106-045 |
| | 2007 | R5106-052 |
| | 2008-2012 | R5106-061 |
| YAMAHA | | |
| 80 cc. YZ 80 LC | 1993-2001 | R4856-089 |
| 85 cc. YZ 85 | 2002-2012 | R4856-089 |
| 125 cc. YZ 125 LC | 1999-2004 | R4856-116 |
| | 2005-2012 | R4856-118 |
| 250 cc. WR 250 F | 2001-2012 | R4856-039 |
| 250 cc. YZ 250 F | 2001-2012 | R4856-039 |
| 250 cc. YZ 250 LC | 1997-1998 | R4856-270 |
| | 1999-2012 | R4856-267 |
| 450 cc. WR 450 F | 2003-2006 | R4856-053 |
| | 2007-2011 | R4856-069 |
| 450 cc. YZ 450 F | 2003-2005 | R4856-053 |
| | 2006-2009 | R4856-069 |
| | 2010-2012 | R4856-099 |

(*) Retail Price without V.A.T

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