

ATHENA

OEM TRANSFORMER COMPONENTS

ADVANCED TECHNOLOGIES FOR TAILOR-MADE SOLUTIONS

THE IDEAL PARTNER FOR EVERY MANUFACTURER
Il parter ideale di ogni azienda produttiva

Athena is a **family-owned Italian company** with a **strong global presence**, known for its consistent commitment to **quality** and **sustainable innovation.**

Athena è un'azienda italiana a **conduzione familiare** con una **solida presenza a livello globale**, riconosciuta per il suo costante impegno verso la **qualità** e l'**innovazione sostenibile**.



+900
EMPLOYEES WORLDWIDE
COLLABORATORI NEL MONDO

WHY CHOOSE ATHENA
Perchè scegliere Athena

With over 50 years of experience, Athena excels in the design and production of sealing systems and OEM technical articles, providing high-performance and reliable customised solutions for various industrial sectors, including electromechanical systems.

Con oltre 50 anni di esperienza, Athena eccelle nella progettazione e produzione di sistemi di tenuta e articoli tecnici OEM, offrendo soluzioni personalizzate performanti e affidabili per numerosi settori industriali, tra i quali sistemi elettromeccanici.

RESEARCH, CO-DESIGN, AND CUSTOMISED PRODUCTION
RICERCA, CO-DESIGN
E PRODUZIONE SU MISURA

FINANCIAL RELIABILITY CERTIFIED BY CRIBIS
AFFIDABILITÀ FINANZIARIA
CERTIFICATA DA CRIBIS

IATF AND ISO QUALITY CERTIFIED
CERTIFICAZIONI
QUALITÀ IATF E ISO

GLOBAL PRODUCTION CAPACITY
CAPACITÀ PRODUTTIVA
GLOBALE

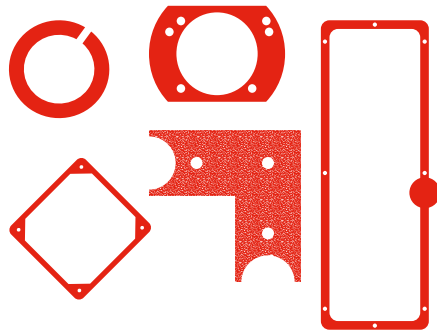
SOCIAL RESPONSIBILITY & CARBON FOOTPRINT
RESPONSABILITA' SOCIALE
E IMPRONTA AMBIENTALE

+ 50 YEARS OF RESEARCH AND KNOW-HOW
+ 50 ANNI
DI RICERCA E KNOW-HOW

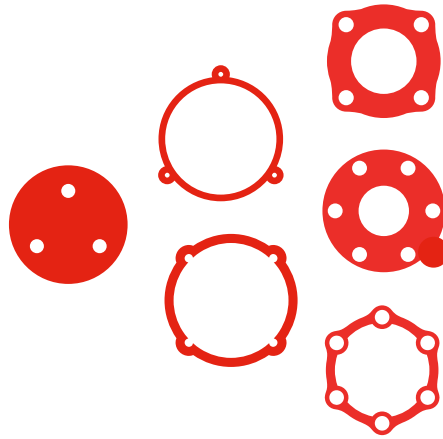
OUR TAILOR-MADE SOLUTIONS
Le nostre soluzioni su misura

Through a **co-design** approach, we develop **customized solutions** based on our clients' projects, combining state-of-the-art machinery and **precision manufacturing** with rigorous quality controls. **We select the finest materials** to deliver **exclusive products and advanced performance**, meeting even the most specific requirements..

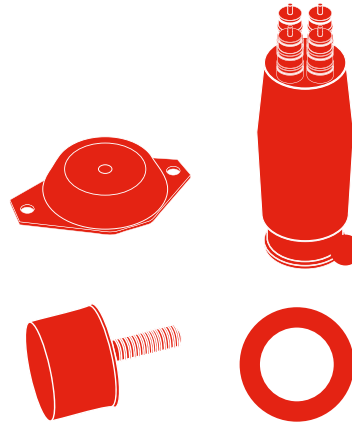
Attraverso un approccio di **co-design**, sviluppiamo **soluzioni personalizzate** partendo dai progetti dei nostri clienti, combinando l'impiego di macchinari all'avanguardia e **lavorazioni di precisione** con rigorosi controlli qualità. **Selezioniamo i migliori materiali** per garantire **prodotti esclusivi e prestazioni avanzate**, rispondendo alle esigenze più specifiche.



GASKETS
Guarnizioni



METAL STAMPINGS
Tranciati metallici



RUBBER MOULDED PARTS
Stampati in gomma

OUR APPLICATIONS
Le nostre applicazioni

Oil and cast resin transformers are key components in power transmission and distribution systems, used across industrial, infrastructure, and civil applications.

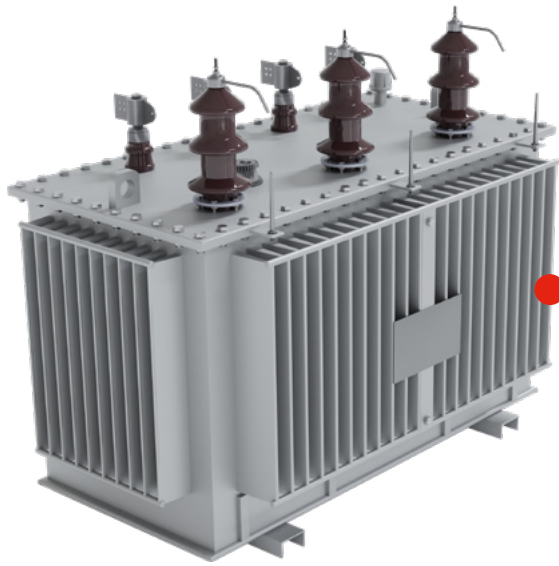
In this context, **we support OEM manufacturers by supplying customized technical components** designed to ensure long-lasting and reliable performance.

Through **selected materials, precise engineering, technical support** and a **co-design approach** with the customer, we manufacture gaskets, metal stampings, and tailor-made parts based on client specifications–optimized for sealing, durability, and high performance.

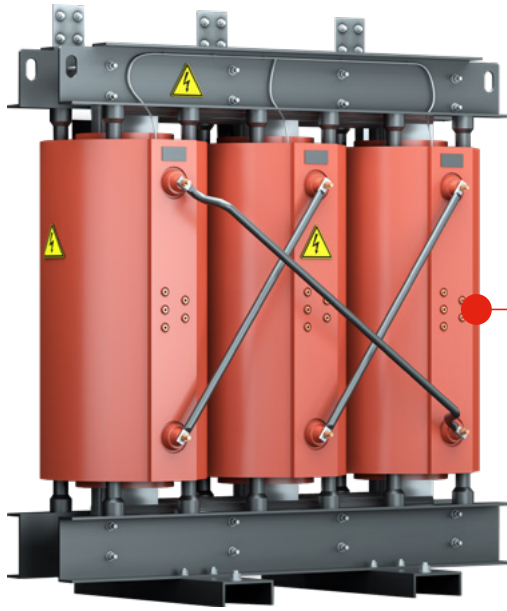
I **trasformatori**, in olio o in resina, sono elementi chiave nei sistemi di trasmissione e distribuzione elettrica, impiegati in ambito industriale, infrastrutturale e civile.

In questo contesto, **supportiamo i produttori OEM con la fornitura di componenti tecnici personalizzati**, progettati per garantire prestazioni affidabili e durature.

Attraverso **materiali selezionati, precisione progettuale, supporto tecnico e co-design** con il cliente, realizziamo **guarnizioni, tranciati metallici e particolari** customizzati in base alle specifiche del cliente, ottimizzati per assicurare tenuta, resistenza e prestazioni.

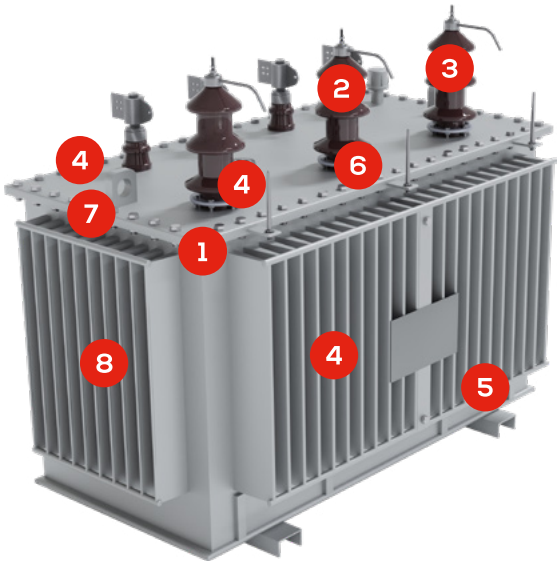


OIL TRANSFORMERS
Trasformatori in olio



CAST RESIN TRANSFORMERS
Trasformatori in resina

CUSTOM COMPONENTS FOR OIL TRANSFORMERS
Componenti su misura per trasformatori in olio

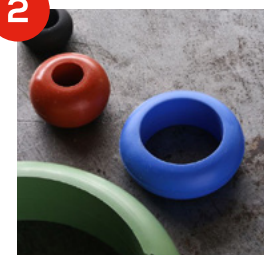




1 GASKETS
GUARNIZIONI

MAIN MATERIALS
PRINCIPALI MATERIALI

- Cork-rubber
  Sughero-gomma
- Pressboard
  Presspan
- NBR, HNBR, FVMQ rubber
  Gomma NBR, HNBR, FVMQ



2 RING GASKET
ANELLI SEMI TONDI

MAIN MATERIALS
PRINCIPALI MATERIALI

- NBR rubber
  Gomma NBR
- HNBR rubber
  Gomma HNBR
- FVMQ rubber
  Gomma FVMQ



3 RUBBER MOLDED PARTS
STAMPATI IN GOMMA

MAIN MATERIALS
PRINCIPALI MATERIALI

- EPDM Rubber
  Gomma EPDM
- Silicone
  Silicone



4 O-RINGS
O-RING

MAIN MATERIALS
PRINCIPALI MATERIALI

- Special NBR rubber (-40°C – 120°C)
  Gomma in NBR speciale (-40°C – 120°C)
- FKM rubber
  Gomma FKM
- FFKM rubber
  Gomma FFKM
- FVMQ rubber
  Gomma FVMQ
- NBR rubber
  Gomma NBR



5 BONDED SEAL SYSTEMS
BONDED SEAL AUTOCENTRANTI

MAIN MATERIALS
PRINCIPALI MATERIALI

- NBR, FKM rubber
  Gomma NBR, FKM



6 METAL STAMPINGS AND SUPPORTS
TRANCIATI E SUPPORTI METALLICI

MAIN MATERIALS
PRINCIPALI MATERIALI

- Aluminum
  Alluminio
- Stainless Steel
  Acciaio Inossidabile



7 ELECTRICAL INSULATORS
ISOLANTI ELETTRICI

MAIN MATERIALS
PRINCIPALI MATERIALI

- Fiberglass laminate
  Vetronite
- Bakelite
  Bachelite
- Pressboard
  Pressboad



8 OIL LEVEL SIGHT GLASSES
VISORI DI LIVELLO

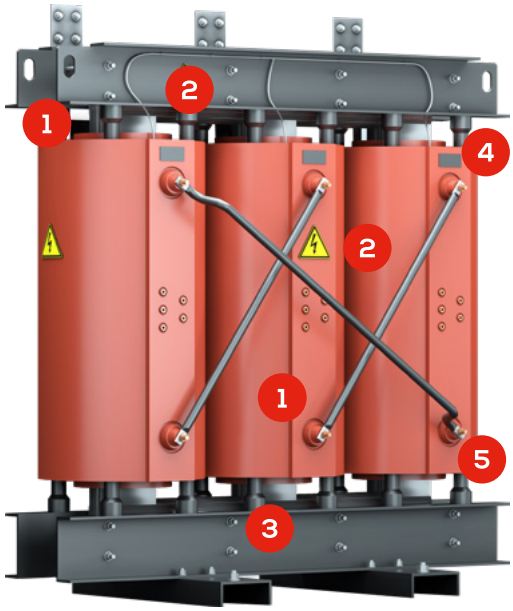
ATHENA | NOSTRALI®

MAIN MATERIALS
PRINCIPALI MATERIALI

- Lettura diretta e affidabile del livello olio
  Direct and reliable oil level reading
- Corpo metallico con vetro temprato e tenuta idonea all'esercizio continuo
  Metal body with tempered glass and sealing for continuous operation
- Disponibile in diverse misure, filettature e configurazioni
  Available in various sizes, threads and design configurations

CUSTOM COMPONENTS FOR CAST RESIN TRANSFORMERS

Componenti su misura per trasformatori in resina



1



RUBBER MOLDED PARTS AND O-RINGS

STAMPATI IN GOMMA E O-RING

MAIN MATERIALS
PRINCIPALI MATERIALI

- Special NBR rubber (-40°C – 120°C)
  Gomma in NBR speciale (-40°C – 120°C)
- FKM rubber
  Gomma FKM
- FVMQ rubber
  Gomma FVMQ

2



SOLID RUBBER CORD

TONDI IN GOMMA

MAIN MATERIALS
PRINCIPALI MATERIALI

- NBR, FKM, HNBR rubber
  Gomma NBR, FKM, HNBR

3



VIBRATION DAMPERS

AMMORTIZZATORI

MAIN MATERIALS
PRINCIPALI MATERIALI

- Available in silicone & EPDM rubber
  Disponibili in silicone e gomma EPDM
- Smorzamento di urti e micro-movimenti
  Damping of shocks and micro-movements
- Resilienza e stabilità nel tempo
  Resilience and long-term stability

4



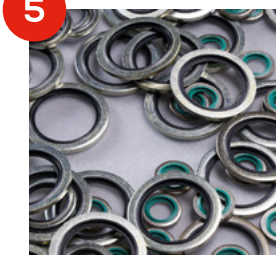
SINGLE AND MULTIPLE LAYER FABRIC-REINFORCED TECHNICAL RUBBER PARTS

PARTICOLARI IN GOMMA TECNICA RINFORZATA CON TELA SINGOLA E MULTIPLA

MAIN MATERIALS
PRINCIPALI MATERIALI

- SBR rubber with double fabric reinforcement
  Gomma SBR doppia tela
- NBR rubber with double fabric reinforcement
  Gomma NBR doppia tela

5



BONDED SEAL SYSTEMS

BONDED SEAL AUTOCENTRANTI

MAIN MATERIALS
PRINCIPALI MATERIALI

- NBR, FKM rubber
  Gomma NBR, FKM

STANDARD PARTS
Parti standard

PRESSPAN GASKETS
Guarnizioni in presspan

Presspan Gaskets: Asbestos-free paper made of 100% refined sulphate cellulose, with high mechanical resistance to tearing, heating and compression.

Realizzate in materiale esente amianto costituito al 100% di cellulosa al solfato raffinata e calandrata. Offrono elevata resistenza meccanica a lacerazione, caldo e compressione.

DIAMETER in MM	
Internal	External
14	32
15	32
22	45
24	38
25	45
28	50
32	56
40	63
45	70
50	70
56	90
63	90
70	104
80	110
90	125

Thickness 2mm

DIAMETER in MM	
Internal	External
14	32
22	45
25	45
28	50
40	63
45	70
56	90
63	90
70	104
80	110
90	125

Thickness 3mm

STANDARD PARTS
Parti standard

ANTI OIL GASKETS
Guarnizioni piane per flange

Anti-Oil Gasket: flat gaskets for flanges, made of various kind of rubber (NBR, HNBR, FVMQ). Offer excellent resistance to high and low temperatures, steam, oils and lubricants.

Guarnizioni piane per flange, realizzabili in varie tipologie di gomma (NBR, HNBR, FVMQ). Offrono elevata resistenza ad alte e basse temperature, oli minerali, vapore e lubrificanti.

DIAMETER in MM		THICKNESSES		
Internal	External	2 MM	3 MM	4 MM
14	32	x	x	x
20	45	x	x	x
20	47	x	x	x
22	45	x	x	x
25	45	x	x	x
28	50	x	x	x
32	63	x	x	x
38	60	x	x	x
40	63	x	x	x
45	70	x	x	x
45	80	x	x	x
45	80	x	x	x
50	90	x	x	x
56	80	x	x	x
56	90	x	x	x
63	90	x	x	x
70	104	x	x	x
76	108	x	x	x
80	110	x	x	x
90	125	x	x	x
110	160			x
118	154			x
120	160	x	x	x
125	180			x

STANDARD PARTS
Parti standard

SEMI-ROUND RINGS
Anelli semi tondi

Semi-Round Rings: made of FKM or NBR with inner flat and external round profile. Ideal for static sealing, thanks to the high contact surface. Suitable for insulators, coils and air transformers.

Anelli Semi Tondi: prodotti in gomma FKM o NBR con faccia interna piatta ed esterna semitoroidale. Ideale per tenute statiche, grazie all'ampia superficie di contatto. Trovano applicazione su isolatori elettrici, bobine e trasformatori ad aria.

DIAMETER in MM		THICKNESS in MM
Internal	External	
8	15	7
12	22	11
12	30	18
20	32	13
20	38	18
30	45	16
30	54	24
42	59	18
48	65	18
42	66	24
48	72	24
55	95	30
75	115	30
90	116	26

INDUSTRIAL PROCESSES
Processi industriali



DIE-CUTTING
FUSTELLATURA



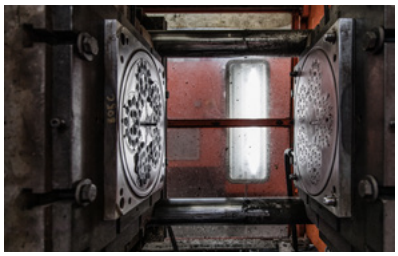
WATERJET CUTTING
TAGLIO WATERJET



FLASH CUTTING
TAGLIO LAMA



METAL BLANKING
TRANCIATURA METALLICA



RUBBER MOLDING
STAMPAGGIO GOMMA



PANTOGRAPH MILLING
FRESATURA A PANTOGRAFO

PRECISION, TRUST, CERTIFIED SUSTAINABILITY
Precisione, affidabilità e sostenibilità certificata

In Athena, quality system management is at the core of everything we do. This commitment is reinforced by our **specialized metrology lab**, featuring state-of-the-art equipment such as **coordinate-measuring machines, laser scanning systems**, optical devices, and **metallography tools**.

In Athena, la gestione del sistema qualità è al centro di ogni nostra attività. Questo impegno è consolidato dal nostro **laboratorio metrologico specializzato**, dotato di apparecchiature all'avanguardia come **macchine di misura a coordinate, sistemi di scansione laser, strumenti ottici e attrezzature per metallografia**.



CERTIFICATIONS
Certificazioni

Athena ensures the **highest standards of quality and sustainability** through internationally recognized certifications.

Athena garantisce i più **alti standard di qualità e sostenibilità** attraverso certificazioni riconosciute a livello internazionale.

BRONZE | Top 35%
ecovadis
Sustainability Rating
OCT 2025

QUALITY SYSTEM CERTIFICATION DNV IATF 16949

QUALITY SYSTEM CERTIFICATION DNV ISO 9001

ENVIRONMENTAL SYSTEM CERTIFICATION DNV ISO 14001

INTERNATIONAL SITES FOR THE INDUSTRIAL SECTOR
Le nostre sedi al servizio dell'industria

ATHENA HQ
Via Delle Albere, 13,
36045 Alonte - Vicenza (Italy)
+39 0444 727272
commerciale@athena.eu

VEDAMOTORS
Rodovia BR 470, 2795 - KM 129
Lontras - SC - 89.182-000 - Brasil
vedamotors@vedamotors.com.br
+55 47 3411-0500

ATHENA INDIA HITECH COMPONENTS PVT LTD
20B, 2nd Main, 2nd Phase Peenya Industrial Area
Bangalore 560058 – India
info@athena-india.com
+91 80 28395085

ATHENA HANGZHOU AUTOMOTIVE AND INDUSTRIAL PARTS CO.LTD
No. 260, 6th Street, Baiyang Community, Building 15,
1st floor, Economic and Technological Development
Zone, 310018 Hangzhou - China
stephen@athena-hangzhou.cn
luca.bonazzi@athena.eu
+86 0571 8776 1085

ATHENA USA
1540 B North Main St.
Mount Pleasant, TN 38474 - USA
sales@scegaskets.com
office@athenausa.com
800 427 5380

athena.industries
FIND OUT MORE