



EMKA Air Control

not just more hot air!



Refrigeration and AC plants

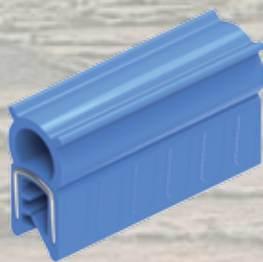


Ventilation plants

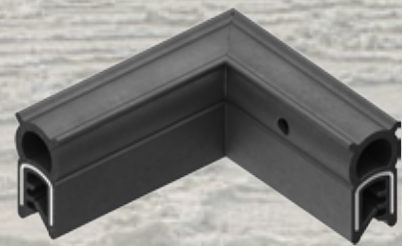


Heat plants

Gasketing



Corner



Ring

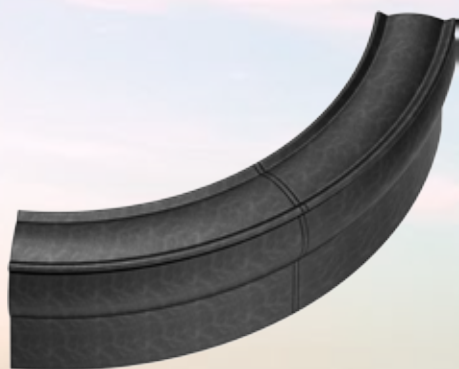


Frame

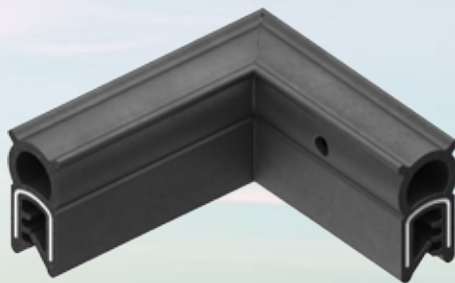


Stopping air leaks

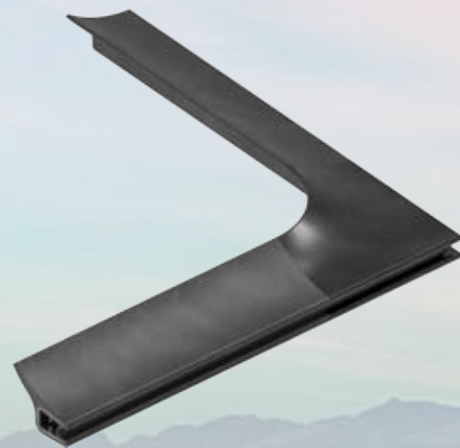
Installing panels that do not leak is the main challenge of the HVAC Industry. EMKA has solutions for both positive and negative differential pressure demands and we are gasket experts providing custom fit solutions to a wide variety of applications. We provide Silicon, EPDM, and PVC gaskets, in a wide variety of profiles. We will provide you 90° corners with miter cuts for complete no-gap seals.



Glueing



Foil curing



Injection Molding
(see picture below)



Rubber plant, Spain



Injection Molding, Spain



Rubber plant, England



Wuppertal , Germany



Velbert, Germany



Henriville, France



Mionica, Serbia



Goražde, Bosnia-Herzegovina



Middletown PA, USA

In-house production

EMKA specializes in extruding rubber and plastic in a variety of profiles. Our plants in the UK and Spain produce rubber gaskets in a wide range of types with both standard and custom solutions.

We have the capability of producing meshed tape and metal-reinforced strips can be used as carrier sections and textile yarn can be worked into the materials. In addition, flock finishing is also possible.

Further processing capabilities include cutting to fixed lengths, vulcanized rings and frames can be made to size. At some EMKA branches, including in the US, there are installations for corner vulcanization. The application of adhesive tape or lubricant varnish completes our wide range of offerings.

EMKA know-how guarantees top quality.

A blue circular badge with the word "NEW" in white capital letters.

Latch-Hinge

- Door or panel can be removed by unlatching the handles on both sides
- 3D Adjustable
- Right or left hinged
- Hinge 180 Degree Opening Angle
- Compression (5 mm) with low opening and closing force
- When the door is closed, the latch is adjustable to achieve perfect alignment
- Available with or without Pressure Relief
- Available with round cylinder of zinc-die
- Also available variety of locking options
- Material: Polyamide with 30% glass filled



Pull handle

- Ergonomic Polyamide Handle
- Available in various sizes
- Various Mounting Options Available

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L-Handle

- Surface-mounted L-Handle with one piece shaft
- Suitable for doors opening inwards and outwards
- Roller Cam with Adjustable Clamping Load
- Variety of locking options
- Various cam types
- Air Tightness class L1-L3 possible
- Modular Design



Surface Mounted Door Lock

- Compression up to 10 mm by the integrated stepped cam
- No thermal bridge between interior and exterior of the unit due to surface mounting
- Wide range of inserts and L-Handles and T-Handles can be used
- Lockable version possible
- Housing available in plastic or zinc-die
- Pressureside version possible



L-Handle

- Variable locking system
- Flush-mounted L-Handle with one-piece steel shaft
- Wide range of handle and bezel types
- Inside handle possible
- Various Locking Options
- Various cam types



3D hinge Plus

- Opening angle up to 180°
- 3D adjustment
X-axis ± 2 mm,
Y-axis ± 2 mm
Z-axis ± 1.5 mm
- Center piece additionally adjustable by the shaft ± 2.75 mm



HVAC-Solutions from one single source

EMKA does not only provide every kind of gasket but also locking systems and hinges, i. e. complete HVAC locking solutions from one single source!

EMKA provides a comprehensive product range for HVAC installations from one single source - including locking systems, hinges and gaskets. Our solution stands out due to its modular structure, versatility and high quality. EMKA offers customized solutions. The EMKA locking systems comply with industry standards and regulations.



3D hinge

- Opening angle up to 180°
- Easy adjustability of the hinges by long slots
- Recesses for panhead rivet nuts type M6
- 3D adjustment
X-axis ± 2 mm,
Y-axis ± 2 mm,
Z-axis ± 2 mm



2D hinge

- Opening angle up to 180°
- 2D adjustment
X-axis ± 1.5 mm,
Y-axis ± 1.5 mm



180° screw-on hinge

- Opening angle up to 180°
- Available in zinc-die, polyamide and stainless steel
- Wide range of dimensions and styles



Clip-on profile according to hygiene standard VDI 6022

- Profile design & material selection provides a low compression force over a wide tolerance range
- Gasket does not provide any breeding ground for micro-organisms
- Easy to clean
- Moisture repellent
- Odorless



Insert profile according to hygiene standard VDI 6022

- Gasket does not provide any breeding ground for micro-organisms
- Easy to clean
- Moisture repellent
- Odorless



Corner pieces

EMKA provides customized structural corner joints that provide rigidity with quick and easy assembly. Materials include plastic injection molding, zinc-die cast & aluminum-die cast.



Worldwide with local presence

The EMKA GROUP is a world market leader for locks and latches, hinges and gasketing used in switch and control cabinets for electronics and electrotechnology. We are among the leading manufacturers of locking technology in the fields of HVAC technology and transport. The complete range of products comprises 15,000 items, developed, manufactured, refined and assembled at ten production sites in Germany, France, England, Spain, Bosnia, Serbia, US and China.

The company is represented in 50 countries employing more than 1,500 employees.

EMKA worldwide

Subsidiaries, country representations and agencies*

 ALGERIA EMKA France Tel. +33/254/320862 emka@emka-france.com	 CHINA EMKA Industrial Hardware CO.Ltd. Tel. +86/22/82123759 info@emka.cn	 INDONESIA * EMKA Indonesia c/o EKONID Tel. +62/821/15095502 a.supriadi@emka.asia	 PHILIPPINES * Philippines Representative Office Tel. +63/917/8990102 a.alcantara@emka.asia	 SWEDEN EMKA Scandinavia Tel. +46/36/314130 info@emka.se
 ARMENIA EMKA Kilit Sistemleri Metal Sanayi ve Ticaret Ltd. Şti. Tel. +90/262/2909097 info@emkakilit.com.tr	 CROATIA EMKA Okovi d.o.o. Tel. +385/35/270073 info@emka-okovi.hr	 ISRAEL * Teder Electro Mechanical Engineering Ltd. Tel. +972/73/2331200 sales@teder.com	 POLAND EMKA Polska Sp.z o.o. Tel. +48/323606026 info@emka.net	 SWITZERLAND EMKA Beschlagteile AG Tel. +41/33/8260220 info@emka.ch
 AUSTRIA EMKA Beschlagteile Ges.m.b.H. Tel. +43/2143/43063 info@emka-beschlagteile.at	 CZECH REPUBLIC EMKA Kovanie/Beschlagteile Tel. +421/2/45259910 miro.emka@ba.telecom.sk	 ITALY EMKA Italia s.r.l. Unipersonale Tel. +39/045/6471070 info@emka.it	 PORTUGAL EMKA Beschlagteile Ibérica S.L. Tel. +351/910904688 info@emka-iberica.pt	 TURKMENISTAN EMKA Kilit Sistemleri Metal Sanayi ve Ticaret Ltd. Şti. Tel. +90/262/2909097 info@emkakilit.com.tr
 AUSTRALIA * Lock Focus Pty. Ltd. Tel. +61/3/97981322 lockf@lockfocus.com.au	 DENMARK * A/S Megatrade Beslag Tel. +45/44916700 mega@megatrade.dk	 JAPAN * TOCHIGIYA Co., Ltd Tel. +81/48/2283072 support@tochigiya.co.jp	 ROMANIA S.C. EMKA Beschlagteile S.R.L. Tel. +40/269/222700 info@emka.ro	 TURKEY EMKA Kilit Sistemleri Metal Sanayi ve Ticaret Ltd. Şti. Tel. +90/262/2909097 info@emkakilit.com.tr
 AZERBAIJAN EMKA Kilit Sistemleri Metal Sanayi ve Ticaret Ltd. Şti. Tel. +90/262/2909097 info@emkakilit.com.tr	 ESTONIA EMKA Polska Sp.z o.o. Tel. +48/323606026 info@emka.net	 KAZAKHSTAN EMKA Kilit Sistemleri Metal Sanayi ve Ticaret Ltd. Şti. Tel. +90/262/2909097 info@emkakilit.com.tr	 RUSSIA * OOO MK-Electro Tel. +7/812/4492928 info@mk-electro.ru	 THAILAND * Best Port Company Ltd. Tel. +66/2/9935739 bestport@samartas.com
 BELGIUM EMKA Benelux B.V. Service Office Tel. +31/413/323510 sales@emka.org	 FINLAND EMKA Scandinavia Tel. +46/36/314130 info@emka.se	 LATVIA EMKA Polska Sp.z o.o. Tel. +48/323606026 info@emka.net	 SERBIA EMKA Okovi d.o.o. Tel. +385/35/270073 info@emka-okovi.hr	 UKRAINE EMKA Ukraine Tel. +38/096/7535875 info@emka.in.ua
 BELARUS EMKA Polska Sp.Z o.o. Tel. +48/323606026 info@emka.net	 FRANCE EMKA France Tel. +33/254/320862 emka@emka-france.com	 LITHUANIA EMKA Polska Sp.Z o.o. Tel. +48/323606026 info@emka.net	 SINGAPORE * VF Fastening Systems PTE Ltd. Tel. +65/675/23033 vincent@vffastening.com.sg	 UNITED KINGDOM EMKA (UK) Ltd. Tel. +44/2476/616505 enquiry@emka.co.uk
 BOSNIA-HERZEGOVINA EMKA Bosnia d.o.o. Gorazde Tel. +38/738/241310 info@emka.ba	 GEORGIA EMKA Kilit Sistemleri Metal Sanayi ve Ticaret Ltd. Şti. Tel. +90/262/2909097 info@emkakilit.com.tr	 MEXICO EMKA Mexico Beschlagteile Tel. +52/44/22095217 info@emka.mx	 SLOVAKIA EMKA Kovanie Tel. +421/2/45259910 miro.emka@ba.telecom.sk	 UAE EMKA Middle East LLC Tel. +971/42844528 info@emka.ae
 CANADA EMKA Inc. Tel. +1/717/9861111 info@emkausa.com	 GREECE * EMKA Hellas Tel. +30/21041/83000 info@emka-hellas.com	 MONTENEGRO EMKA Bosnia d.o.o. Gorazde Tel. +38/738/241310 info@emka.ba	 SOUTH AFRICA * Enclosure Solutions Tel. +27/11/9737260 info@enclosuresolutions.co.za	 USA EMKA Inc. Tel. +1/717/9861111 info@emkausa.com
 CHILE * NDU Ingenieria Ltda. Tel. +56/22/5266646 info@ndu.cl	 HUNGARY EMKA Beschlagteile Tel. +36/1/2360032 info@emka.hu	 NETHERLANDS EMKA Benelux B.V. Tel. +31/413/323510 info@emka.org	 SOUTH KOREA * Geo Jeon Co. Ltd. Tel. +82/314/335508 geojeone@emkakoreanaver.com	 UZBEKISTAN EMKA Kilit Sistemleri Metal Sanayi ve Ticaret Ltd. Şti. Tel. +90/262/2909097 info@emkakilit.com.tr
 INDIA EMKA India P. A. Pvt. Ltd. Tel. +91/80/26660212 info@emka.in	 NORWAY EMKA Scandinavia Tel. +46/36/314130 info@emka.se	 VIETNAM * Terramar Engineering and Machinery (Pte.) Ltd. Tel. +84/8/39153209 cam@terramar.com		

For any other country please contact the EMKA headquarters Tel.: +49/2051/273-0.

www.emkausa.com

EMKA Inc.

1961 Fulling Mill Road • MIDDLETOWN PA 17057 USA • Tel.: +1-717-9861111 • Fax: +1-717-9861080 • E-Mail: info@emkausa.com