

Typical Application Areas

Typical application areas are on engine and powertrain, on exterior and interior systems and components as well as in new and fast developing technologies like automotive electronics and fuel cells.

Other/Fuel Cell – Climate Control

Fuel cell plates, HVAC ductwork, rubber boots to metal, radiator hose clamps, and other applications

Chassis

Bolts, connector pins, speed sensor, wheel speed magnets, and other applications

Engine and Powertrain

Oil pan, front cover, rear seals, T-joint, head & block cup plug, water pump, hoses, transmission housing, coolant system, bearings, dipstick tubes, bed plate, cam chain, timing belt, throttle body, plastic engine covers, range sensors, fuel injection system, cylinder cover, transmission bell housing, axle housing, rotor and hubs, axle tubes, axle cover panel, FWD elements, axle joints & pinion flange, bushing to stabiliser bar, composite/steel sub-frames, brake and ABS modules, caliper and bearing attachments, and other applications

Electric /Electronic

Magnets to housing, alternators and coils, module housings, rotor magnets, aluminium heat sink (alternator), ignition coils, motor shafts, sensors, wiper motor covers, ECU, TCU, power distribution modules, and other applications

Interior

Door trim, heat ducts, door panels, door handle bezel, speaker grill, baskets, steering wheel cover, instrument panel, door trim fabrics, plastic back plates, foam to fabric, headliners, electric door latches, airbag modules, vent and power steering tubes, seat rails, dome lights, and other applications

Exterior

Forward lenses, wiper module, composite roof, halogen bulb socket, aiming rings, HID lighting, side trim, composite panels and bumpers, fog lamps, close-out gaskets, firewall, B-pillars, door handle bezels, license plate brackets, and other applications



Customer Reference List

Vehicle Manufacturers - Main Customers

- | | | | | |
|-------------------|-----------|----------|-----------------|-------------------|
| ■ Audi | ■ AutoVaz | ■ BMW | ■ Case Tractors | ■ Daewoo |
| ■ DaimlerChrysler | ■ Fiat | ■ Ford | ■ GM | ■ Honda |
| ■ Hyundai | ■ Iveco | ■ Isuzu | ■ Jaguar | ■ Kia |
| ■ Mitsubishi | ■ Nissan | ■ Opel | ■ Porsche | ■ PSA |
| ■ Renault | ■ Saab | ■ Scania | ■ Seat | ■ Skoda |
| ■ Suzuki | ■ Toyota | ■ Volvo | ■ VW | ■ and many others |

Sub-Component Manufacturers - Main Customers

- | | | | |
|---------------------------|------------------|--------------------------|-------------------|
| ■ Allied Signal/Honeywell | ■ Arvin Meritor | ■ Autoliv | ■ Behr |
| ■ Bilstein | ■ Bosch | ■ Bridgestone | ■ BTR |
| ■ Carello | ■ Continental | ■ Dana Spicer | ■ Delphi |
| ■ Getrag | ■ Goodyear | ■ Hella | ■ Hutchinson |
| ■ ISRI | ■ ITT Automotive | ■ JATCO | ■ Knorr-Bremse |
| ■ Koni | ■ Limpesa | ■ Lucas | ■ Magneti Marelli |
| ■ Manuli | ■ Monroe | ■ Perkins | ■ Pirelli |
| ■ Rockwell | ■ Scoma | ■ Siemens VDO Automotive | ■ Temic |
| ■ TRW | ■ Valeo | ■ Visteon | ■ Webasto |
| ■ ZWN | ■ ZF/SACHS | ■ and many others | |

Specification And Awards

Henkel Loctite products have been specified by every major automotive manufacturer.

Some of the most important specifications and awards are:

Henkel Loctite Certifications:

- QS-9000
- ISO 14000

Customer Awards:

- Ford FSS and Q1
- Chrysler Preferred Supplier
- GM, Honda, Nissan, Toyota Supplier Awards

EUROPE

France
Henkel Loctite France S.A.
10, Av. Eugène Gazeau
BP 40090
F-60304 Senlis Cedex
Tel. + 33.344216600
Fax + 33.344216625

Germany
Henkel Loctite Deutschland GmbH
Arabellastrasse 17
D-81925 München
Tel. + 49.89.92680
Fax + 49.89.9101978

Italy
Henkel Loctite Adesivi S.r.l.
Via Talete 56
I-20047 Brugherio (MI)
Tel. + 39.039.21251
Fax + 39.039.884672

Russia
RUSHENK
Business Unit Loctite
Bakhrushina Ul., 32, Build.1
RU-113054 Moscow
Tel. + 7 095 745 23 14 / 16
Fax + 7 095 745 23 13

Spain & Portugal
Henkel Loctite España, S.L.
Poligono Industrial Alparrache
Parcela 56
E-28600 Navalcarnero (Madrid)
Tel. + 34.91.8609000
Fax + 34.91.8112409

Sweden
Loctite Sweden AB
Box 8823
S-40271 Göteborg
Tel. + 46.31.75054 00
Fax + 46.31.75053 91

United Kingdom
Henkel Loctite Adhesives Ltd.
Watchmead
Welwyn Garden City
GB - Hertfordshire AL7 1JB
Tel. + 44.1707.358800
Fax + 44.1707.358900

For other countries in the region Europe, please contact Henkel Loctite Germany

ASIA/PACIFIC

Australia
Loctite Australia Pty. Ltd.
3 Endeavour Road
Caringbah NSW 2229
Tel. + 61300.88.55.56
Fax +61 2 9525 56 43

China
Henkel Loctite (China) Co., Ltd
Shanghai Office
3 rd Floor, East Ocean Center
618 Yan An East Road, Shanghai
P.R. China, 20001
Tel: +86.21.53534595
Fax +86 21 5385 4246

Hong Kong
Henkel Loctite Hong Kong Ltd
Pacific Headquarters
18/F, Island Place Tower,
510 King's Road, North Point,
Hong Kong
Tel: +852.2233.0000
Fax +852-2802 9995

India
Henkel Loctite India Pvt Ltd.
No. 1, Airport Service Road,
Domlur Layout,
Bangalore - 560 071
INDIA
Tel: +91.80.557.9851 / 557.3290
Fax +91 80 557 9852

Japan
Henkel Japan Ltd
Henkel Loctite Technology
Center - Asia Pacific
27-7 Shin Isogo-cho, Isogo-ku,
Yokohama Japan 235-0017
Tel: +81.45.758.1800
Fax +81 45 758 1851

Korea
Henkel Loctite Korea Inc.
8th Floor, Kumho Electric
Building
418, Mapo-dong Mapo-ku,
Seoul 121-734, Republic of
Korea
Tel. +82 2 3279 1703
Fax +82.2.3273.4663

For other countries in the region Asia / Pacific, please contact Henkel Loctite in Hong-Kong.

AMERICAS

Brazil
Henkel Loctite Adhesivos Ltda.
Av. Prof. Vernon Kriebler, 91
06690-111 Itapevi, São Paulo
Tel. +55 11 4143 7000
Tel. +55 11 4143 7100

Canada
Loctite Canada Inc.
2225 Meadowpine Blvd.
Mississauga, Ontario L5N 7P2
Tel. +1 905 814 6511
Tel. +1 905 814 5391

Mexico
Loctite Company
de México S.A. de C.V.
Calzada de la Viga s/n,
Fracc. Los Laureles
Loc. Tulpetalac, CP. 55090
Ecatepec de Morelos
Edo de México, México
Tel. +011 525 55 836 1322
Fax +011 525 55 787 9615

USA
Henkel Loctite Corporation
Automotive Headquarters
2455 Featherstone Road
Auburn Hills, Michigan 48326
Tel. +1 248 364 4700
Fax +1 248 364 4720

For other countries in the region Americas, please contact Henkel Loctite USA.

LOCTITE

Loctite Transportation

Applied Intelligence

www.loctite.com/auto