

Aeroquip in EUROPE



Aeroquip in Europe

Companies now in the Aeroquip family throughout Europe can trace their heritage back to 1880 and have accumulated great expertise during this time.

Aeroquip has eleven factories, totalling over 770,000 square feet, employing around 2,000 in the manufacture of industrial fluid line components, accessories and other products, many of which are illustrated throughout this brochure.

Aeroquip (U.K.) Ltd., operates out of five plants and the strategic location of its sister plants throughout Europe means that the Company is geared to provide prompt service to original equipment manufacturers and replacement parts users.

These facilities are supported by a distributor network which caters for a local service.

This brochure has been compiled to illustrate Aeroquip's engineering and manufacturing capabilities and the many types of products Aeroquip manufacturers in Europe.

We hope that our customers and friends will find this brief tour of our facilities of interest.

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AEROQUIP (U.K.) LTD.

This modern warehousing facility pictured below is part of the Company's Industrial Seals Division, Kings-Norton, Birmingham.



Above - the offices and manufacturing unit of the Yates-Barco Division situated at Marple in Cheshire.

Pictured right are the general office and manufacturing facilities at Kings-Norton, Birmingham, home of Aeroquip (U.K.) Ltd., Plastics Division.



Our aerial view pictured left is of Aeroquip (U.K.) Ltd., Seals Division at Cardiff, South Wales. Both seals and hydraulic hose are manufactured on this site.

Pictured below is the Aeroquip (U.K.) Ltd., Headquarters at Redditch. This aerial view also shows the Hose and Fittings Division and Aerospace (U.K.) manufacturing facilities.





AEROQUIP G. M. B. H.



Aerial view of the hose manufacturing plant and general offices at Hann. Münden, West Germany.



Aeroquip GmbH hose assembly plant and general offices located at Baden-Baden, West Germany.



Pictured here is the metal components plant at Alzey, West Germany.



AEROQUIP S.A.

Aeroquip's **ravitt** headquarters and tube and fitting plant is located at Dreux, south west of Paris.



Also close to Paris is the Aeroquip Aerospace S.A. facility at Rungis.



△ The head offices of the industrial division of Aeroquip S.A. at Grenoble, France.



Pictured right is the warehouse and hose assembly facilities of Aeroquip S.A. at St. Martin d'Heres, France.



AEROQUIP ITALIA S. P. A.



Pictured left are the offices and plant of Aeroquip Italia S.p.A. which are located at Livorno, near Pisa on the Mediterranean coast.



AEROQUIP IBERICA S. A.



At Alcala de Henares, near Madrid, Aeroquip Iberica S.A. has its hose plant facility and general offices.



AEROQUIP BENELUX N. V.



Aeroquip Benelux N.V. - has its office and warehouse facility sited at Herentals, Belgium.



AEROQUIP SCANDINAVIA A. B.

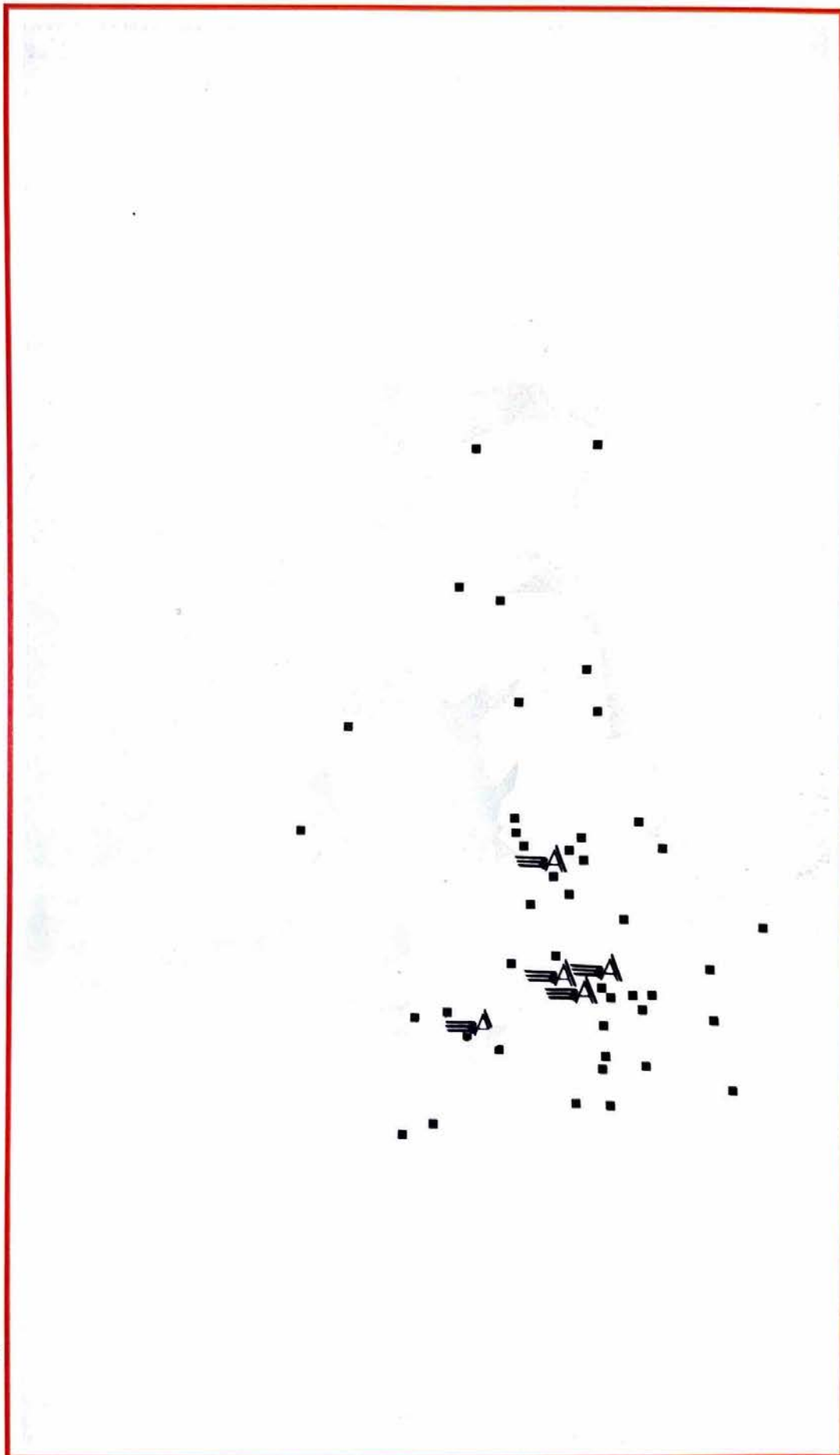


The industrial requirements of Sweden, Norway and Finland are covered from Aeroquip Scandinavia's offices and warehouse facilities at Gothenborg, Sweden.

Aeroquip
Service



To serve the varied demands of modern industry, Aeroquip (U.K.) Ltd., has an established and comprehensive network of distributors throughout the United Kingdom and Eire, as well as key locations throughout the world. For your nearest distributor please contact, Aeroquip (U.K.) Ltd., P.O. Box 29, Studley Road, Redditch, Worcestershire, B98 7HQ, England.
Phone: (0527) 20292,
Telex: 339632



—A— Aeroquip (U.K.) Ltd.,
manufacturing facilities
at Redditch, Cardiff,
Birmingham
and Marple.

■ — Aeroquip (U.K.) Ltd.,
distributors.

Aeroquip Engineering Facilities

Research and development have always been major requirements at Aeroquip. A consistently high investment in these activities assures you that Aeroquip products, incorporating the latest advances in materials design, are produced on sophisticated modern equipment to meet Aeroquip's stringent worldwide quality standards.

The pictures on the following pages demonstrate Aeroquip's commitment to an ongoing Research and Development programme that provides a continual flow of new and improved products to serve our customers present and future needs.

Aeroquip products undergoing laboratory tensile strength tests.



△ Aeroquip's Corporate Engineering facility at Jackson, Michigan USA, pictured above, ensures that all our products are developed and manufactured to Aeroquip's worldwide quality standard.

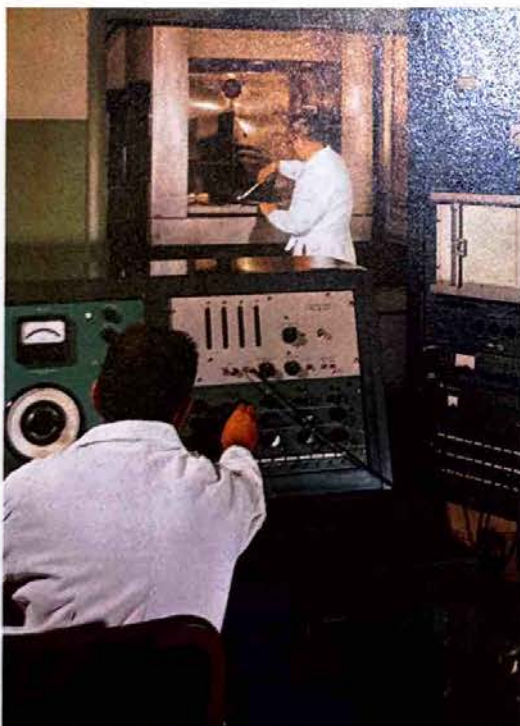
Modern sophisticated equipment is used to ensure accuracy is maintained throughout the manufacturing cycle. ▷





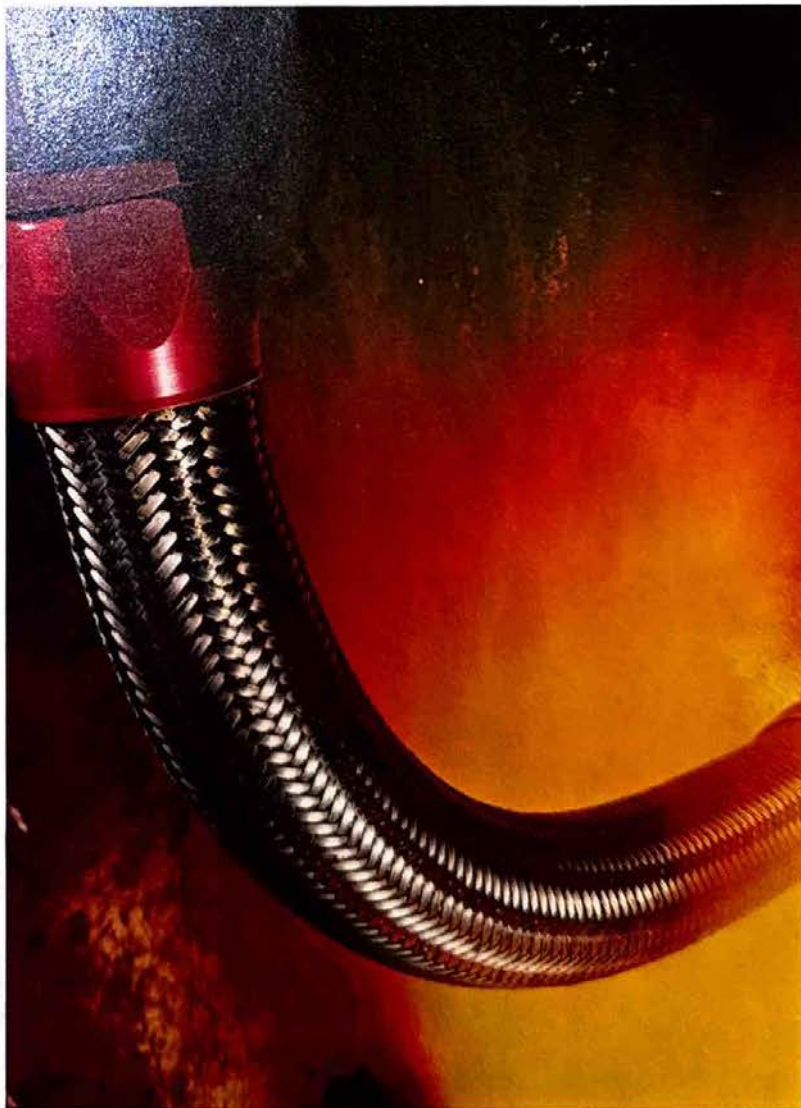
◁ Corporate Laboratories carry out wide ranging tests on all Aeroquip products. Pictured left is AQP hose undergoing bend radii testing under extreme low temperature conditions.

Flow testing a self-sealing quick disconnect coupling.



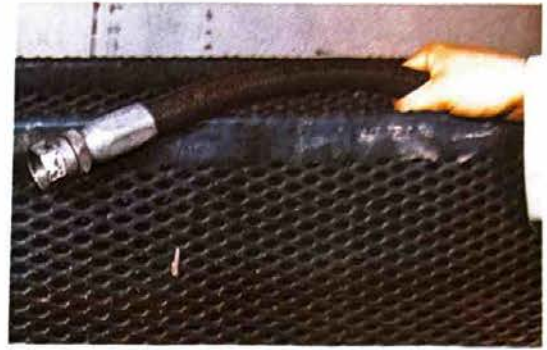
△ High Frequency vibration testing equipment is pictured above with the technician in the background installing hose lines for analysis.

Aeroquip's High Performance assembly hose undergoing vigorous fire testing. ▷





△ Barco Ball joints in the final stages of preparation for high temperature testing.



△ Salt spray immersion test of an Aeroquip hose line.

Aeroquip swaged hose assembly undergoing cycle impulse testing.
▽



FC300 AQP hose undergoing continuous flex cycle and temperature testing. ▷



△ Testing facilities at Hann. Muenden, West Germany.

Seals undergoing simulated operating conditions on specialised laboratory rig testing equipment at Cardiff Works.



Automotive hose undergoing specialised testing at Baden-Baden, West Germany.

△ Aeroquip places great emphasis on product quality. Pictured left is the Quality Control Department in France.



△ Final inspection being carried out before despatch to customer.

Testing of flexmaster joint for pressure, impulse pressure, temperature rating and vibration resistance under axial and radial loads - Hann. Muenden, West Germany.

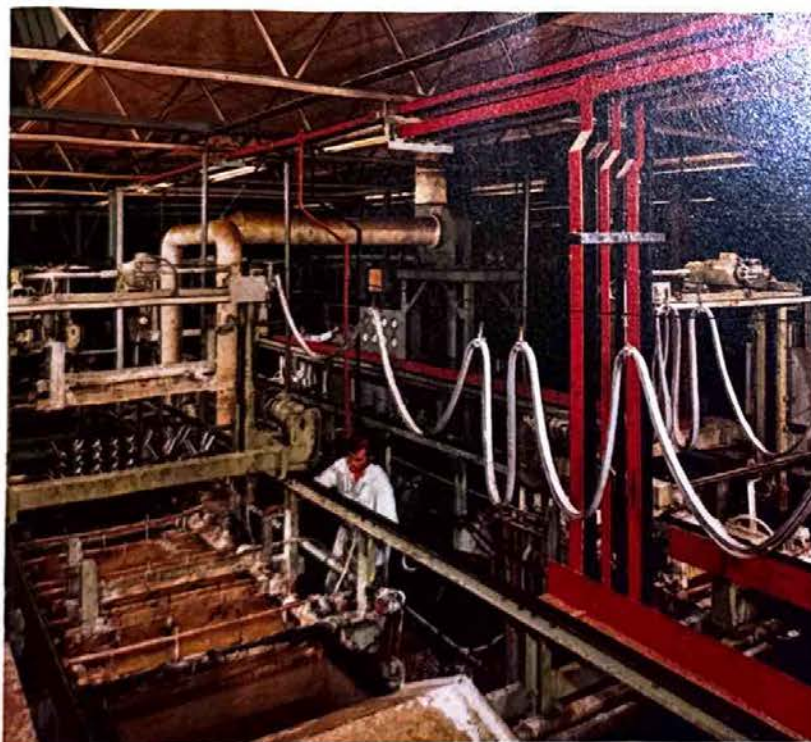


European Manufacturing Capability

Aeroquip can call on a wealth of experience and expertise throughout its European activities, manufacturing a wide range of products to a consistently high standard.

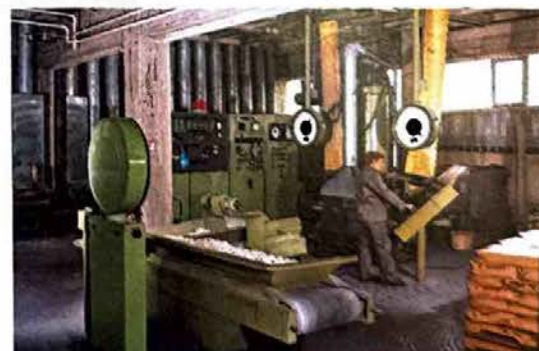
An operator at Cardiff Works, South Wales is pictured changing a bobbin on a hose-braiding machine deck. ▶

Our picture on the right ▶ shows the highly skilled craft of hand spinning a large diameter industrial seal at Aeroquip Seals Division, Kings Norton, Birmingham.



◀ Fittings progressing through the automatic zinc plating plant at Redditch.

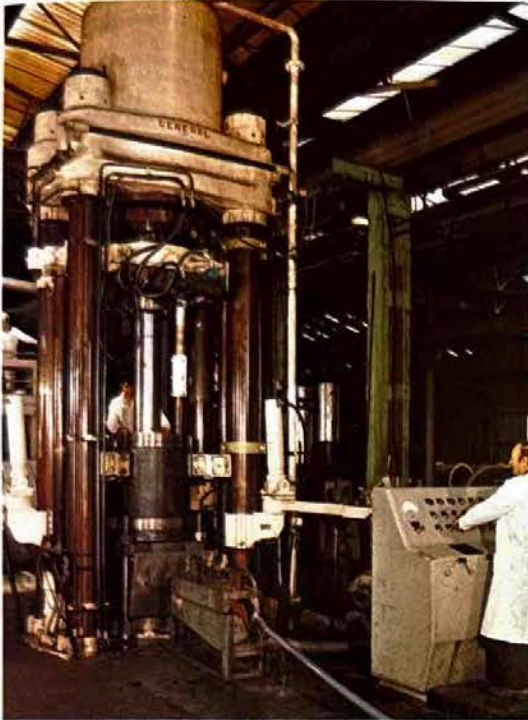
Automatic rubber mixing department at Hann. Münden, West Germany. ▼



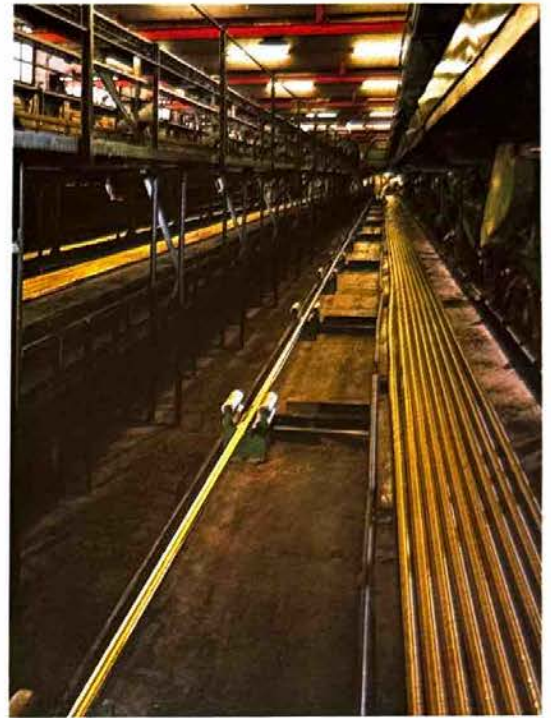
◀ Specialised hose assemblies for the aerospace industry being produced at Rungis, France.

At Baden-Baden sophisticated computer programming is used as an aid in producing consistent tube manipulation. ▶





◁ This lead press is pictured in use at Cardiff, extruding lead around the hose before curing takes place. ▷



Spiral hose being manufactured at Hann. Muenden, utilising 40 metre rigid mandrals. ▷



◁ Automatic assembly of **ravitt** products at Dreux, France. ▷



Hose fittings undergoing final stages of manufacture on single spindle machines at the Aeroquip Livorno plant in Italy. ▷



At Baden-Baden product is pictured undergoing cleaning and capping before final inspection and despatch to customer. ▷



◁ A bank of high speed braiding machines manufacturing long length hose on flexible mandrels at Cardiff Works. ▷



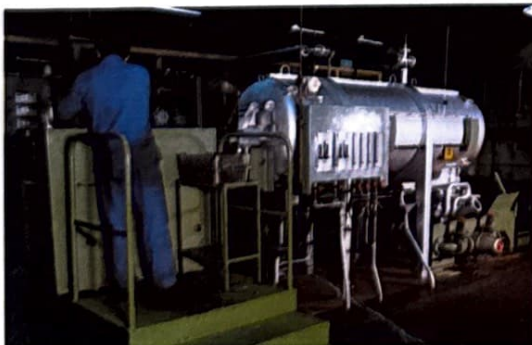
Oil seals undergoing final inspection and packing at Cardiff. ▷



△
At Hann. Muenden,
batches of rubber pass
through this specialised
cooler after milling.



Automatic multi-spindle
machines used in the
production of fittings and
couplings at Redditch,
Worcestershire. ▷



◁ Cutting rings
for **revitt** products
undergoing heat treat-
ment at Dreux.

Pipe flanges being
welded to Barco Ball
joints at the Yates-
Barco Works, Marple,
Cheshire. ▷



△
Automatic, gravity fed
plastic injection
moulding machines
provide quality and
consistency at Plastics
Division, Kings Norton,
Birmingham.

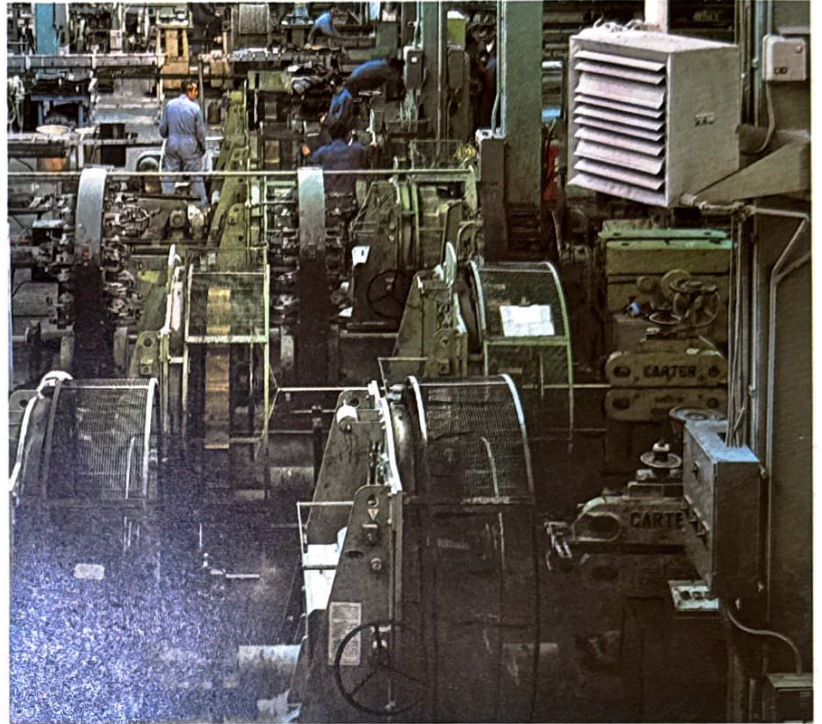
Pressure testing of
production hose
assemblies and fittings
at Baden-Baden.
▽





△ Compression and injection moulding facilities pictured at Cardiff Works, are capable of high volume quality seal production.

Elbow components pass through a controlled copper brazing furnace at Baden-Baden.



△ Hose braiding facilities at Alcalá de Henares, Spain.



△ Multi-spindle automatic machines pictured at Alzey, West Germany.

Ensuring the utmost accuracy, this drilling operator completes a further cycle in Barco Ball joint production at Marple.



Pictured right are the hose stores in France.



Aeroquip Product Range

Aeroquip's extensive product range is available throughout Europe to the same specification and quality.

All of our products are backed by the quality of service from production through technical departments to customer service.

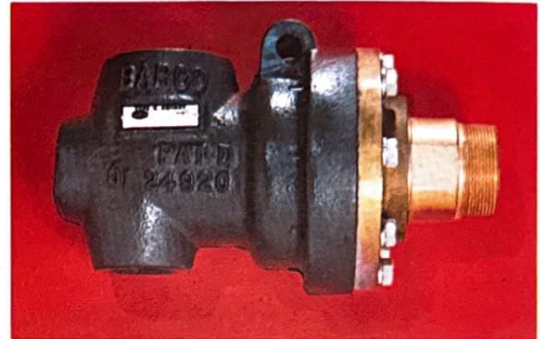
Refrigerant couplings. ▷



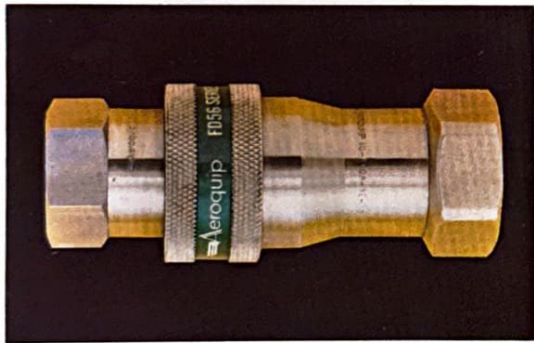
Rotary joints. ▷



Hydraulic hose and fittings. ◁



Power steering assemblies and fittings. ▷



Quick disconnect couplings. ◁



V-band clamps. ▷



Cargo restraint equipment. ◁

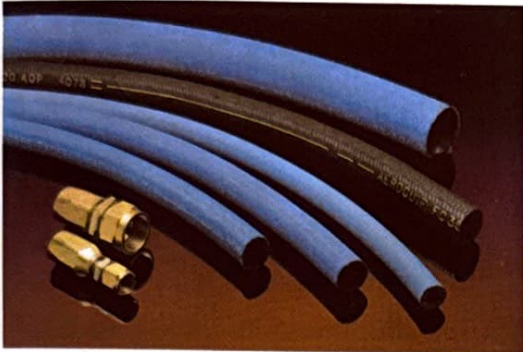


Adaptors and flanges. ▷



Fluid seals. ◁





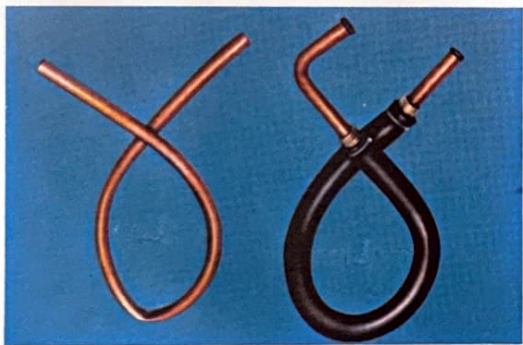
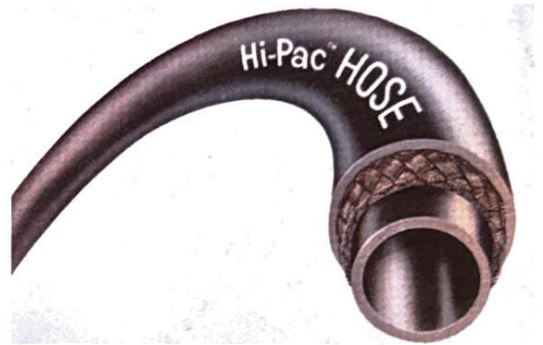
▷ **Aeroquip** pipe and tube joints.

▷ Aeroquip's unique AQP elastomer hose.



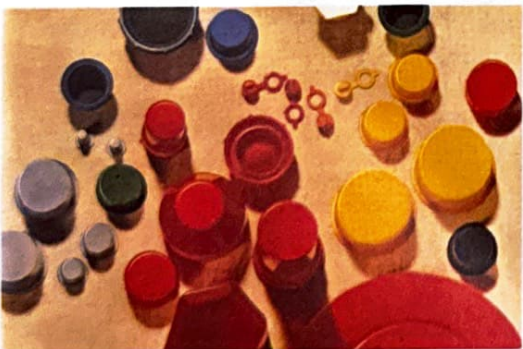
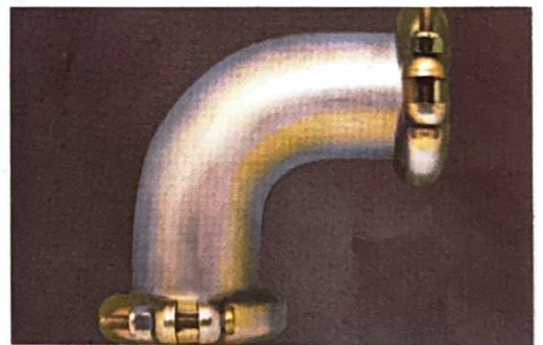
▷ Aeroquip's Hi-Pac single wire hose with two wire performance.

▷ Vehicle air conditioning hose assemblies.



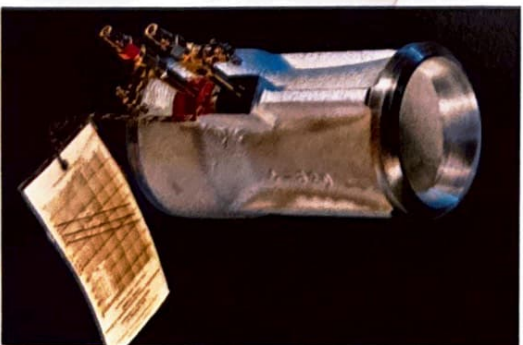
▷ **FLEXMASTER** tube and pipe joints.

▷ 'Bendable' refrigerant lines for easy routing without kinking.



▷ **POLYON** – Aeroquip's thermoplastic hose.

▷ Thermo-plastics injection mouldings.



▷ Venturi flow measurement systems.

▷ Swivel couplings.



Aeroquip Advance Technology

Aeroquip Corporation, based in Jackson, Michigan, U.S.A. is the world's foremost manufacturer of fluid system components for many major market sectors.

Playing an important role in Aeroquip's international activities is Aeroquip (U.K.) Ltd., who through their manufacturing plants and activities are able to supply the demanding needs of modern industry, to Aeroquip's world-wide quality standards.

Railways. ▷



◁ Quarrying.



Agriculture. ▷



◁ Automotive and associated industries.



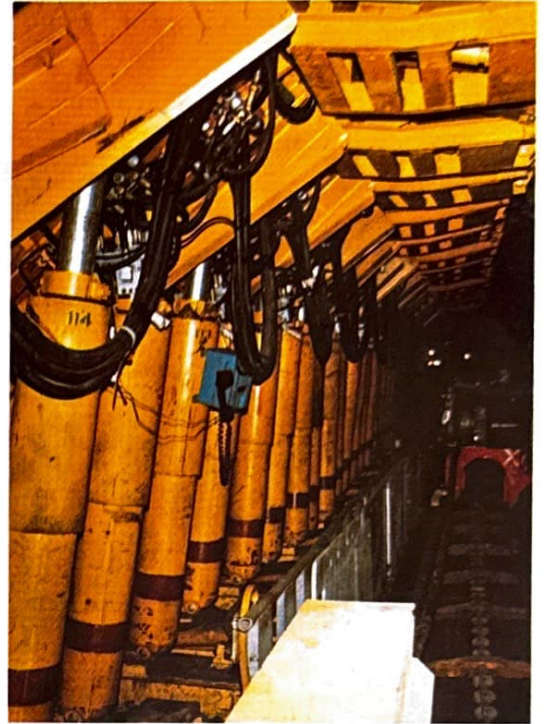
Materials Handling. ▷



◁ Railway track maintenance.



Mining.▷



◁ Earthmoving.



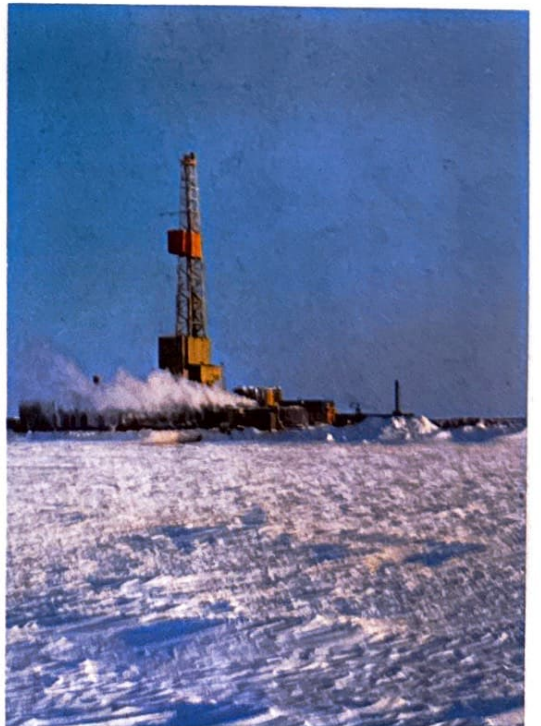
Farming.▷



◁ Steel production.



Pipeline and exploration. ▷





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