

INDUSTRIAL PRODUCTS

Specialists in Anti-Vibration Mountings
and Rubber Engineering Components

Silicone & Rubber Hose Product Guide

Established in 1992 with over 25 years' experience, AV Industrial Products Ltd is a leading manufacturer of:

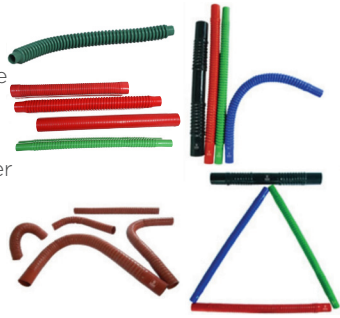
- Vibration Isolation Solutions
- Rubber Engineered Components
- Shock Isolation Products

AV Industrial Products Ltd has extensive knowledge and understanding of applications within the Specialist Vehicle, Power Generation, Marine and General Industry. Please find hose solutions that AV Industrial supply into these market sectors.

VEHICLE HOSES

Corrugated Flex Coolant Hoses

- Straight / Curved
- Multiple Plies
- Engine Coolant Resistance
- Wire Reinforced
- Fabric Reinforced
- High Quality EPDM Rubber
- Chloroprene Cover for Extended Life
- SAE J20 R5 Type EC Class D-S Standard



Turbocharger Hoses

- Temperature -60°C to +260°C
- Straight Hose
- Elbow 45° / 90° / 135°
- Multi Hump
- Reducer (Straight / Elbow)
- 3 / 4 plies Aramid reinforcement to meet burst pressure
- Fluorocarbon / Fluorosilicone liner - Oil & Petrol Resistance
- Excellent Ozone / UV Resistance



Elbow Hoses

- 15° / 30° / 45° / 60° / 90° / 120° / 135° / 180°
- Elbow Reducer 45° / 90°
- High Quality Silicone
- Meet or Exceed SAE J20
- Colour Red / Black / Yellow Orange / Custom
- Custom Geometry Sizes and Shapes
- SAE J20 R5 Type EC Class D-S Standard



Hose Kits

- Radiator / Intercooler / Vacuum Truck / Car / Motorcycle
- High Quality Silicone
- Coolant 3 / 4 ply polyester
- Turbo 4 / 5 / 6 ply polyester
- Nomex reinforcement high °C
- Fluoro Liner Oil & Fuel Resistance
- -55°C to + 250°C Resistance
- Excellent Ozone / UV Resistance



Bespoke Silicone Hoses

- Full In-House Tooling & Testing
- Vast Design Experience
- New Bespoke Tooling
- Prototype, Small & Large Production Batches
- Custom Geometry Size & Shapes
- Colour Red / Black / Yellow / Orange / Custom



Aggregate Hoses

- Multi-Component Assembly
- Metal & Plastic & Rubber Hoses Combined into a Single Aggregate Silicone Hose
- Reduced Joints, Leaks, Fittings
- Reduction in Vibration & Noise
- Cost & Space Saving
- Assembly Time Reduced
- Highly Flexible / Weather Resistance
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Vacuum Tubes

- Vacuum / Washer / Coolant / Emission Control
- Non-Reinforced Extrusion
- High Tear Strength Silicone
- Wall Thickness 2.5 - 4.0mm
- Temperature Range -55°C to +180°C
- Excellent Ozone & UV Resistance
- SAE J20 Class A
- Various Lengths Available



Heater Hoses

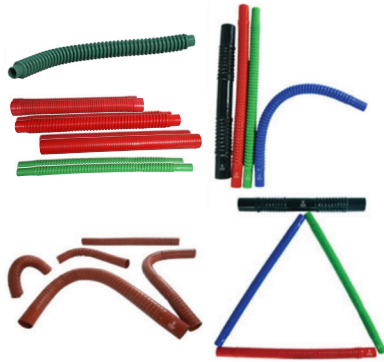
- Single Ply Nylon / Polyester Braided Reinforcement
- Temperature Range -55°C to +180°C
- Aramid Reinforcement for Higher Temp +260°C Resistance
- Wall Thickness 3.5 to 4.5mm +
- Coolant Additive Resistance
- Excellent Ozone & UV Resistance
- SAE J20 R3 Class A



GENSET HOSES

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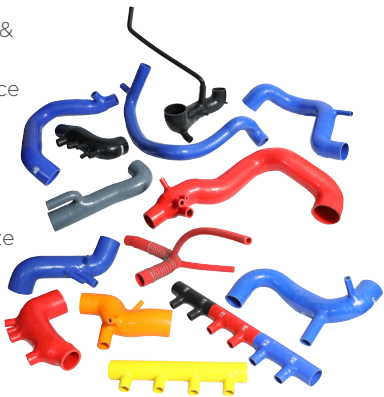
Flexible Duct Hoses

- 2 Ply Silicone Coated Woven Glass Fabric Reinforced
- Spring Steel Wire Helix
- Light Weight / Non Kinking
- Colour Red
- Various Sizes Available
- Double Continuous Filament Silicone Treated Glass Cord
- High Pressure and Superior Pulsing Resistance



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Standard Universal Silicone Hoses

- Elbow Various Angles Available
- Straight Length / Straight Coupler / Straight Hump / T-Piece
- Straight Reducer / Elbow Reducer 45° / 90°
- High Quality Silicone
- Highly Flexible & Collapse Resistance
- Meet or Exceed SAEJ20
- Standard ID / Length / Shape
- Multiply Available with Liner



Fluorosilicone / Fluorocarbon Lined Silicone Hoses

- Turbochargers / Intake (CAC)
- Oil Mist / Petrochemical Environments / High Temps
- Fluorosilicone up to +225°C
- Fluorocarbon (Viton) to +260°C
- Wide Range of Configuration & Dimensions
- Several Aramid Plies According to Working Pressures
- Steel Wire Helix Used Where High or Negative Pressures



MARINE HOSES

Marine Silicone Hoses

- High Quality Silicone
- Excellent Ozone Resistance / Good Compression Set / Resistance to Hardening / Exhaust Fumes / Salt Water
- Meet SAE J2006 & ISO/3363
- Large ID Bore up to Ø508mm
- Single to Six Fabric Plies
- Single / Double Hump / Elbow / Straight



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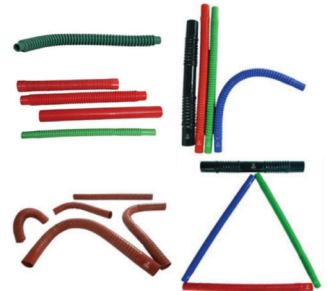
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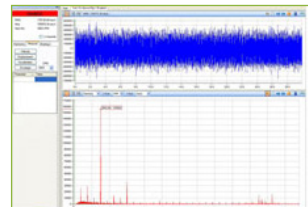
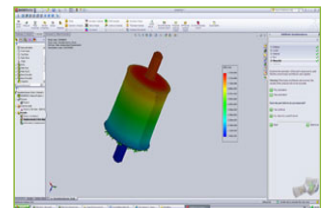
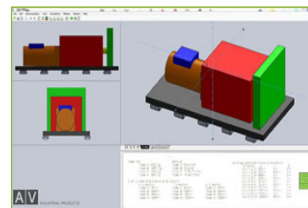
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AV Industrial Products Ltd offer the following strengths and capabilities

- ISO9001:2015 and ISO14001:2015 accreditation
- In house testing facility to ensure product conformance
- Expert engineering & design team
- Computer modelling & simulation (6 Degree of Freedom)
- FFT Vibration analysis & surveys
- Dynamic fatigue / endurance testing
- Climate testing / burst pressure testing
- Mounting proposals & vibration / shock solutions
- Solidworks 3D CAD & FEA
- Fast response & excellent customer service



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