

## 3D CHARGED AIR COOLER IN THERMOPLASTIC MATERIALS



Hutchinson produces complete lines for charged air cooling systems. Our products include elastomer hoses and plastic tubing. We have outstanding “cold side” expertise, connecting the air intercooler to the engine's air intake valve. Our blow-molded solution stands out through its excellent thermal and chemical resistance and lightweight design.

- Products Family: **Air Hoses**

### TECHNICAL FEATURES

- Made in a complex 3D tubular shape.
- Manufactured using various TPE, including Hutchinson materials such as Gygaprène® .
- Quick connectors are welded at both ends.

## **BENEFITS**

- Lightweight
- Energy Efficiency
- Recyclability

## **MARKET AND EXPERTISE**



AUTOMOTIVE & TRUCKS



Fluid Management Systems

## **ALL PRODUCTS FAMILIES**

# **All Products Families for Automotive Fluid Management Systems**



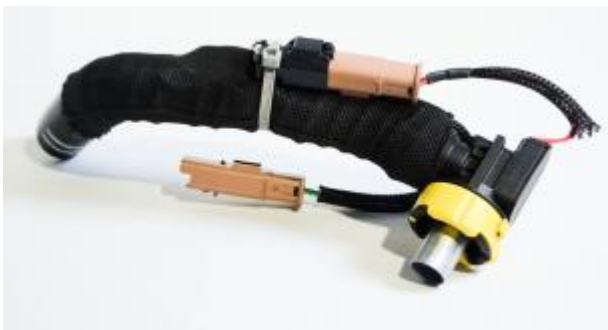
## **Air Conditioning**

Hutchinson offers a wide range of veneer, barrier or all-rubber hoses approved by all the global manufacturers. These hoses are assembled with crimping on aluminum or steel tubes, integrating our own-design high-performance IHX units in line with requirements. As vibro-acoustic specialists, we also offer innovative noise reduction systems.



## **Air Hose**

Our products operate across a wide temperature range and combine outstanding flexibility with very high thermal and chemical resistance. They include quick connectors and noise reduction devices. The textile-reinforced elastomer connectors are obtained through extrusion, wrapping or molding.



## **Depollution lines**

From pressure gauges for particulate filters to blow-by gas removal or even SCR systems...our solutions benefit from compact designs. For blow-by and SCR, our mechatronics department is also developing lines to deliver optimum

heating power aligned with each customer's needs.



## **QUICK CONNECTORS**

Our “connectors and mechatronics” department is able to offer several quick connector ranges for all fluid transfer systems (engine cooling and thermal management, fuel, turbocharged air intake, blow-by, SCR, air conditioning).