






# HOSES AND ELBOWS FOR THE COMPLETE ENGINE COMPARTMENT



**Dynamic. Different. Dedicated.**

## HOSES AND ELBOWS

### HIGHLIGHTS

-  Suitable for all types of operating pressures
-  Fast and safe assembly
-  High operational reliability
-  Various connections integrable
-  Extremely durable and field-proven material



### PRODUCT DESCRIPTION

Safe and reliable air guiding systems inside and around the engine compartment are the key focus of MöllerWerke. Together with our customers we design elbows and hoses as well as mounting concepts that are tailored to the respective engine. The materials and the flexible structure ensure that our hoses and elbows are suitable for nearly all types of system pressure.

Whether for agricultural or construction machinery, engine technology or power packs – MöllerWerke develops and produces the right hoses and elbows for many customized applications. Air guiding solutions meeting international fire protection standards can also be produced for the railway sector.

## Technical data and product design

### Air intake

#### Raw and clean air hoses

- Vacuum stability due to inner wire rings
- Wireless and therefore sealed connection area
- Various connection diameters possible
- Optional interfaces for maintenance switch or crankcase ventilation
- Rigid zones possible
- Flame-retardant designs possible



### Charge air section

#### Hot and cold charge air hoses

- Pressure stabilization through inner and outer wire rings
- Various connection possibilities such as sleeve, V-clip, HENN-coupling or combinations
- Compensation of axial, angular and lateral movements
- Heat resistant up to 240°C (260°C peak)



### Engine cooling circuit

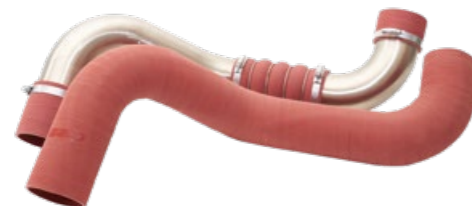
#### Extruded coolant hoses

- Extruded hoses and elbows
- Certified according to DIN 73411
- Multilayer design possible for extreme pressure requirements
- Flame-retardant designs possible



## Individual advantages and solutions

- Minimizing interfaces in the engine compartment
- Various connections possible, individual upon request
- Significant movement tolerances
- High pressure resistance
- Possible integration of sideward outflows
- Corrugated hoses with V-clip connections
- Insulated hoses to protect against radiant heat
- Integrated wire for low pressure stabilization





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