



# Hose Systems for **Air- and Exhaust Gas Technology**

**VACUFLEX GmbH**  
**Quality - Made in Germany**



# More than Hot Air

The clip components offered by us help to keep the air clean. Depending on the application temperature, four material options are available. In the peak range, the hose systems are capable of withstanding up to approx. 150°C. We are ready to meet every demand by employing our pre-assembled hose systems in air and exhaust gas applications. Our development and design department with the pertaining tool shop provides the flexibility to meet all your requirements. The choice is yours:

- **the full tubes range**

Clip-on sleeves, clip-on extensions, clip-on reductions, clip-on elbows, clip-on elbows with extensions and flanges of TPE.

- **in every lot size**

We develop, manufacture and supply our products in almost any lot size.

- **in every dimension**

We offer the complete range of inside diameters from 10 to 250 millimeters for all common connection formats.

- **in every color**

As a standard, we offer our hose systems in black. All other colors are available on request.

- **in every design**

You have the choice between TPE hoses with or without threads, straight or bent and reduced or extended clip-on sleeves, flanges and clip-on 90° elbows. In addition to this broad range, we are likewise ready to manufacture customized sleeve solutions.

- **for every requirement**

Depending on your special requirements for hose pre-assembly, we use the suitable TPE type. Factors such as oil resistance or permanent application temperature are considered when selecting the material. Our clip-on systems withstand hot air up to approx. 150°C.

- **always in optimum quality**

We exclusively use branded material from renowned manufacturers in a hardness range from 60 Shore A to 50 Shore D. All our materials correspond to the latest quality standards and regulations such as REACH, RoHS, etc. We do not accept any compromises in view of quality! Every product is tested by us for processing quality and tight seat before it is supplied to our customers.



Product	Inside diameter [mm]
Clip-on sleeve	13, 16, 19, 25, 32, 38, 40, 45, 50, 54, 60, 63, 70, 76, 80, 82, 89, 102, 108, 114, 120, 125, 128, 130, 140, 152
Clip-on extension	54/63, 60/63, 70/76, 70/80, 70/95, 70/110, 76/94, 89/100, 102/105, 102/115, 102/130, 130/150
Clip-on reduction	25/22, 45/40, 51/45, 63/60, 70/54, 70/60, 70/65, 89/70, 102/70, 102/100
Clip-on 90° elbow	20, 25, 32, 38, 40, 50, 60, 63, 70, 80, 89, 102, 130, 152
Clip-on 90° elbow with extension	32/40, 38/40, 38/50, 60/70, 63/70, 70/76, 70/80, 70/82, 70/100, 70/110, 80/102, 100/115
Flange	25, 32, 38, 40, 50, 60, 70, 80, 89, 102, 110, 120, 130, 140, 152
other diameters on demand	

## Smart Ideas with a Twist

Innovative power reflects continuity. Everyone's good idea can be successful. However, that new products are established in the long run and prove successful in applications demonstrates their sophisticated design and the expert competence involved. Two of the latest examples of clever, customer-specific solutions are indicated below:

- The hose with injection-molded sleeve and wire reinforcement is coated with insulating material by the customer and applied for noise silencing in motor vehicles.
- The new exhaust gas hose system with double injection-molding and opening allows the introduction of a probe or a sensor for pollutant, pressure and temperature measurement in the exhaust gas stream.





## Flexibility at Each End

The varying requirements to be met in practice can only partly be covered by standards. If special shapes, functions or materials are needed, partners are required who have ideas and the ability to develop convincing products and produce them economically. Those who look at the product range offered by us will recognize that it represents the company's special strength. It is filled with special solutions that are specifically tailored to the individual requirement profiles of different customers.

The designs presented here with square or oval sleeves are only three examples of a long list of feasible solutions developed by us. What are your requirements?



**Strong suction power**





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