

INFO Teknikum® industrial hoses and services

Rubber as material - benefits

As a flexible material rubber enables several advantages to engineering, to operation as well as to maintenance, no matter if the case is light washing hose or heavy-duty slurry hose pipeline. For example, rubber hose attachment point can be fixed easily in the process, and the kinetic energy of the transferred material is absorbed by rubber hose.

As a flexible element in the construction a rubber hose attenuates e.g. wearing movement or vibration from pumps. Additionally, a rubber hose recovers from deformation.

The prices in the price list are retail prices and only for stock items. Currency is EUR, value added tax 0% and the prices are based on delivery terms FCA shipping point, Incoterms 2010. For deliveries we apply NL17 General Conditions. Stock items delivered ex-stock, subject to prior sale.

Packaging - wooden pallet or cage

We supply our hoses mainly in a way that up to inner/nominal diameter 150 mm hoses are coiled and packed on a wood pallet (price 12,00 €/pc, will be charged separately).

Bigger hoses are supplied mainly in straight position and packed in a wooden cage, in a special long wood

pallet or in a wood box (pricing according to the size). Please contact to our sales when concerning the right packing.

SERVICES

Cutting hoses

Please ask more from our sales.

Other additional services

We provide according to customer need: hose and coupling assembly works, hose and hose assembly pressure proof tests as well as different kind of certificates and documents (e.g. Declaration of compliance, material certificate and different kind of inspection/test reports). Please ask more about these from our sales.

HOSE TYPES & APPLICATIONS

Applications

Straight hoses are used in several applications, e.g. in foodstuff, chemical, construction, mining and machinery industries.

We have divided our standard hoses into product groups according to transferred materials and use application. In addition to this, the customer should pay attention to several other issues, e.g. working pressure, working temperature and chemical resistance.

Custom hoses & assemblies

In addition to the standard hoses, we manufacture customer specific hoses

and hose assemblies. The requirements of those hoses and hose assemblies originates e.g. from customer´s will, use application, regulations and legislation. Ask more from our sales engineers.

Hose tolerances & standards

Our straight hose dimensions comply mainly with the requirements of the standard (SFS-EN) ISO 1307. In case of more specific standard those requirements are followed. Hose outer diameter and wall thickness tolerances are not complied simultaneously.

If more specific information is needed, please contact to our sales. Our standard hose tolerances are as following.

Storage

When keeping rubber hose products in storage or for maintenance operations for rubber hoses we highly recommend seeing standard EN ISO 8331 – Rubber and plastics hoses and hose assemblies – Guidelines for selection, storage, use and maintenance.

Length mm	Tolerance
$L \leq 300$	± 3 mm
$300 < L \leq 600$	$\pm 4,5$ mm
$600 < L \leq 900$	± 6 mm
$900 < L \leq 1200$	± 9 mm
$1200 < L \leq 1800$	± 12 mm
$L > 1800$	± 1 %

Nominal outer diameter mm	Tolerance
$OD < 11$	$\pm 0,6$ mm
$11 \leq OD < 21$	$\pm 1,0$ mm
$21 \leq OD < 30$	$\pm 1,2$ mm
$30 \leq OD < 50$	$\pm 1,6$ mm
$50 \leq OD < 70$	$\pm 2,0$ mm
$70 \leq OD < 100$	$\pm 2,0$ mm
$100 \leq OD < 130$	$\pm 2,0$ mm
$130 \leq OD < 175$	$\pm 2,0$ mm
$175 \leq OD < 225$	± 2 %
$225 \leq OD < 316$	± 2 %
$OD \geq 316$	± 2 %

Nominal wall thickness mm	Tolerance
$W < 3$	$\pm 0,4$ mm
$3 \leq W < 6$	$\pm 0,5$ mm
$6 \leq W < 10$	$\pm 0,6$ mm
$10 \leq W < 18$	$\pm 0,8$ mm
$18 \leq W < 30$	$\pm 1,0$ mm
$30 \leq W < 50$	$\pm 2,0$ mm
$W \geq 50$	$\pm 2,0$ mm

