



BIG ROMY-FLEX 5



H O S E S

BIG ROMY-FLEX 5

Join us on safari and get to know the Big 5 of ROMYNOX! With these 5 excellent silicone and PTFE lined hoses we have a solution for every pharmaceutical process. Whether you need a flexible lightweight silicone or a sturdy PTFE hose with vacuum possibilities, the Big 5 is up for it!

Sizes 1/4" to 4" are always in stock and assembled with desired length and connections within a day. In a rush? Assembly and shipping on the same day is often possible with our express delivery!

- Hose sizes 1/4" to 4" never out of stock
- In a rush? We can offer same day shipping in most cases!
- Assembled in the required length and crimped with the required connections
- Every hose gets an unique tag for certification, traceability and reordering
- Need customized hoses? Our experienced engineers are happy to help
- Measuring hoses on-site is possible



SAME DAY DELIVERY



1/4" TO 4" ALWAYS IN STOCK



LASER ENGRAVED ID CODE



CLEAN & AIRTIGHT PACKAGING





CUSTOMIZED HOSE ASSEMBLING



FAST, CLEAN & PRECISE HOSE CRIMPING



QUALITY HOSES PACKED CLEAN & AIRTIGHT



HOSE CRIMPING

ROMYNOX has its own workshop where hoses are custom assembled. Our specialists are happy to advise you in the choice between our different hoses and crimp fittings. This way you always get the ideal hose for your process and you are assured of a good connection. We assemble the hoses to the required length and with the correct fittings in our own workshop with our very modern hose crimping machine, which works fast, clean and precise.

We assemble the hoses based on your specifications or by the design of our own engineers, made in close consultation with you. Are you unable to deliver all needed specifications? We are more than happy to visit you, in order to advise and make a detailed overview.

QUALITY

The machine documents the data of a crimping cycle. This provides extra quality assurance, because it is immediately possible to check whether the process has been properly executed. This way we can see what the course of the pressure curve was and what the actual crimped diameters are. The hoses are packed individually and clean.





ROMY®-FLEX BRIGHT

ROMY-FLEX BRIGHT

ROMY-FLEX Bright is a Silicone suction and supply hose reinforced with a stainless steel wire. Designed for the biotechnological and pharma industry.

The ROMY-FLEX Bright is a durable, heavy-duty and slightly translucent silicone hose. The high temperature resistant plies and stainless steel wire ensure that the hose is suitable for vacuum applications. The Bright has good resistance to pressure and kinks, but is not very flexible. Designed for the biotechnological, medical and pharmaceutical industry where high purity is a must.

The Bright is an ideal process hose for applications with vacuum, gases (CO₂, O₂, N₂ and air) or liquids like water (WFI and demi). The hose can be assembled in the required length and with the required crimp fittings in our own workshop, and can always be delivered from stock.

FEATURES & BENEFITS

- Suitable for vacuum
- Reinforced with stainless steel wire
- Kink resistant; durable and heavy-duty
- Sterilizable with steam up to 135°C (max 18 min.) or by autoclave
- Ideal for applications with gases or water
- Resistant to high temperatures
- Ideal process hose



COMPOSITION

Tube	Silicone, slightly translucent*, phthalates free
Reinforcement	High temperature resistant plies, stainless steel wire helix
Cover	Smooth, silicone, slightly translucent*, glossy

TECHNICAL INFORMATION

Sizes	½" to 4"
Max. length	½" to 2": 40 meter larger than 2": 20 meter
Working Pressure	up to 15 bar (depending on size, see website)
Vacuum	0.9 bar (13 psi absolute pressure)
Temp. range	-60 °C to 200 °C
Type of connections	Multiple kinds of connections available
Bending radius	Depends on size, see website
Material	Platinum-Cured Silicone; Polyester Braid; Stainless Steel Wire
Shelf	10 years (if stored in original package in a dry, cool and dark environment, more info in certificate)
Certificates	FDA (21 CFR 177.2600), USP Class VI, {88}, TSE/BSE, CE1935/2004, REACH

For more and the most actual information, check our website



* Due to the composition of the different layers, the tube is not completely translucent.



ROMY®-FLEX EXT D

ROMY®-FLEX EXT D FDA CE ISO 9001 ISO 13485

ROMY-FLEX EXT D is a Silicone supply hose with Polyester braid reinforcement, multi-use and designed for the biotechnological and pharma industry.

The ROMY-FLEX EXT D has excellent flexibility and is lightweight. The EXT D exists of braided, high temperature resistant plies that are enveloped by platinum-cured, translucent silicone on the outside. Multi-use and designed for the biotechnological, medical and pharmaceutical industry where high purity is a must.

The EXT D is ideal for applications with gases (CO₂, O₂, N₂ and air) or water (WFI and demi). The hose can be cutted to size and fitted with the desired crimp fittings in our hose workshop, and can always be delivered from stock.

FEATURES & BENEFITS

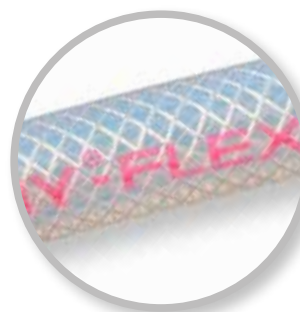
- Very flexible and lightweight
- Multi-use
- Sterilizable with steam up to 135 °C, by radiation or by autoclave
- Ideal for applications with gases or water
- Resistant to high temperatures

COMPOSITION

Tube	Platinum cured Silicone, colorless and translucent
Reinforcement	Braided high temperature resistant plies
Cover	Platinum cured Silicone, colorless and translucent

TECHNICAL INFORMATION

Sizes	¼" to 1 ¼"
Max. length	25 meter
Working Pressure	up to 10 bar (depending on size, see website)
Temp. range	-60 °C to 180 °C
Connections	Multiple kinds of connections available
Bending Radius	Depends on size, see website
Material	Platinum-Cured Silicone; Polyester Braid
Shelf life	10 years (if stored in original package in a dry, cool and dark environment, more info in certificate)
Certificates	FDA (21 CFR 177.2600), USP Class VI, {88}, TSE/BSE



For more and the most actual information, check our website





ROMY®-FLEX DB

ROMY-FLEX DB



ROMY-Flex DB is a Silicone supply hose reinforced with high temperature resistant plies. Multi-use and designed for the biotechnological and pharma industry.

The ROMY-FLEX DB is the heavier version of the ROMY-FLEX EXT D with double layers of high temperature resistant plies which increase the kink resistance. The DB has a white, smooth Silicone cover that provides a clean look and good cleanability. Multi-use and designed for the biotechnological, medical and pharmaceutical industry where high purity is a must.

The ROMY-FLEX DB is ideal for applications with gases (CO₂, O₂, N₂ and air) or water (WFI and demi). The hose can be cutted to size and fitted with the desired crimp fittings in our hose workshop, and can always be delivered from stock.

FEATURES & BENEFITS

- Flexible and lightweight
- Multi-use
- Smooth, white cover for a clean look
- Sterilizable by radiation or autoclave
- Ideal for applications with gases or water
- Resistant to high temperatures



COMPOSITION

Tube	Silicone, natural
Reinforcement	High temperature resistant plies
Cover	Smooth, Silicone, white, glossy cover

TECHNICAL INFORMATION

Size	½" to 1"
Max. length	½" and ¾": 25 meter 1": 15 meter
Working Pressure	up to 13,7 bar (depending on size, see website)
Temp. range	-60 °C to 200 °C
Type of connections	Multiple kinds of connections available
Bending Radius	Depending on size, see website
Material	Platinum-Cured Silicone; Polyester Braid
Shelf life	10 years (if stored in original package in a dry, cool and dark environment, more info in certificate)
Certificates	FDA (21 CFR 177.2600), USP Class VI, {88}, TSE/BSE, REACH

For more and the most actual information, check our website





ROMY®-FLEX PTFE SIL

ROMY®-FLEX

PTFE SIL



ROMY-FLEX PTFE SIL is a PTFE suction and supply hose reinforced with a stainless steel wire, ideal for CIP, negative pressure or aggressive media.

The ROMY-FLEX PTFE SIL is a durable and heavy-duty hose which is resistant to high temperatures and mechanical stress. The PTFE SIL is reinforced with a stainless steel wire, like the ROMY-FLEX Bright, enabling under pressure and suction. The hose is completed with a white Silicone cover. Designed for the biotechnological, medical and pharmaceutical industry where high purity is a must.

The PTFE SIL is very suitable for CIP applications and can be used all-round for processes with aggressive media and vacuum. The hose can be assembled in the required length and with the required crimp fittings in our own workshop, and can always be delivered from stock.

FEATURES & BENEFITS

- Good resistance to aggressive substances
- Reinforced with stainless steel wire, light vacuum abilities
- Kink resistant; durable and heavy-duty
- Sterilizable with steam up to 130°C (max 30 min.) or by autoclave
- Excellent resistance to high temperature, mechanical stress and to oxidation
- White Silicone cover



COMPOSITION

Tube	PTFE, coextruded, white, smooth
Reinforcement	Synthetic plies, stainless steel wire, on request a/s wires to discharge static electricity
Cover	Silicone, white, glossy

TECHNICAL INFORMATION

Sizes	½" to 1 ½"
Max. length	40 meter
Working Pressure	up to 10 bar (depending on size, see website)
Vacuum	0,9 bar (13 PSI absolute pressure)
Temp. range	-40 °C to 150 °C
Type of connections	Multiple kinds of connections available
Bending radius	Depends on size, see website
Material	PTFE, Wire & braid reinforced with Silicone cover
Shelf life	10 years (if stored in original package in a dry, cool and dark environment, more info in certificate)
Certificates	FDA (21 CFR 177.1550 / 21 CFR 177.2600), USP Class VI, {88}, TSE/BSE, CE1935/2004, REACH

For more and the most actual information, check our website





SPEED FLOW-SI

SPEED FLOW-SI

Speed Flow-SI is a PTFE hose reinforced with a Stainless Steel braid, overlaid with white, smooth Silicone. Good isolation and resistant to high pressure. Ideal for SIP and Clean Steam.

The Speed Flow-SI is a PTFE hose with a stainless steel braid around it, which ensures good resistance to pressure and a smooth interior that is resistant to aggressive media. The braid is overlaid with white, extruded, platinum-cured Silicone rubber for isolation and good cleanability.

The Speed Flow-SI is the ideal hose for applications with aggressive media, high pressure and temperatures, CIP and SIP. The hose can be cut to size and fitted with the desired crimp fittings in our hose workshop, and can always be delivered from stock. Designed for the biotechnological, medical and pharmaceutical industry where high purity is a must.

FEATURES & BENEFITS

- Stainless steel braiding
- Resistant to aggressive media
- Good resistance to high pressure
- Excellent isolation, you can hold the hose in your hands
- Smooth, white overlay; easy to clean
- SIP and CIP hose



COMPOSITION

Tube	Virgin PTFE
Reinforcement	Braided stainless steel AISI 304
Cover	White, extruded platinum-cured silicone rubber






TECHNICAL INFORMATION

Sizes	½" to 1"
Max. length	20 meter
Max. working pressure	224 bar (depending on size, see website)
Temp. range	-70 °C to 200 °C
Bending Radius	Depending on size, see website
Material	Virgin PTFE, RVS 304 braid, overlay Silicone platinum cured

For more and the most actual information, check our website



AN OVERVIEW OF THE BIG 5

BIG 5 HOSE	FEATURES	APPLICATIONS & PROCESSES	SIZES	MATERIAL INSIDE	MATERIAL OUTSIDE	TEMP.	MAX. WORKING PRESSURE
 ROMY-FLEX BRIGHT	<ul style="list-style-type: none"> ■ Wire reinforced ■ Suitable for vacuum ■ Kink resistant 	<ul style="list-style-type: none"> ■ Vacuum ■ Ideal for gases and water (WFI and demi) ■ SIP 	½" to 4"	Silicone	Silicone	-60 °C to 200 °C	15 bar*
 ROMY-FLEX EXT D	<ul style="list-style-type: none"> ■ Very flexible ■ Lightweight ■ Multi-use 	<ul style="list-style-type: none"> ■ Ideal for gases and water (WFI and demi) ■ Multi-use ■ SIP 	¼" to ¾"	Silicone	Silicone	-60 °C to 180 °C	15 bar*
 ROMY-FLEX DB	<ul style="list-style-type: none"> ■ Double braided plies ■ Flexible ■ Clean, white look 	<ul style="list-style-type: none"> ■ Ideal for gases and water (WFI and demi) ■ Multi-use ■ SIP 	½" to 1"	Silicone	Silicone	-60 °C to 200 °C	13,7 bar*
 ROMY-FLEX PTFE SIL	<ul style="list-style-type: none"> ■ Wire reinforced ■ Suitable for vacuum ■ Kink resistant 	<ul style="list-style-type: none"> ■ Aggressive media ■ Vacuum ■ Ideal for CIP 	½" to 1 ½"	PTFE	Silicone	-40 °C to 150 °C	10 bar*
 SPEED FLOW-SI	<ul style="list-style-type: none"> ■ Stainless steel braid ■ Resistant to high pressure ■ Good isolation 	<ul style="list-style-type: none"> ■ Aggressive media ■ High pressure ■ SIP 	½" to 1"	PTFE	Silicone	-70 °C to 200 °C	224 bar*

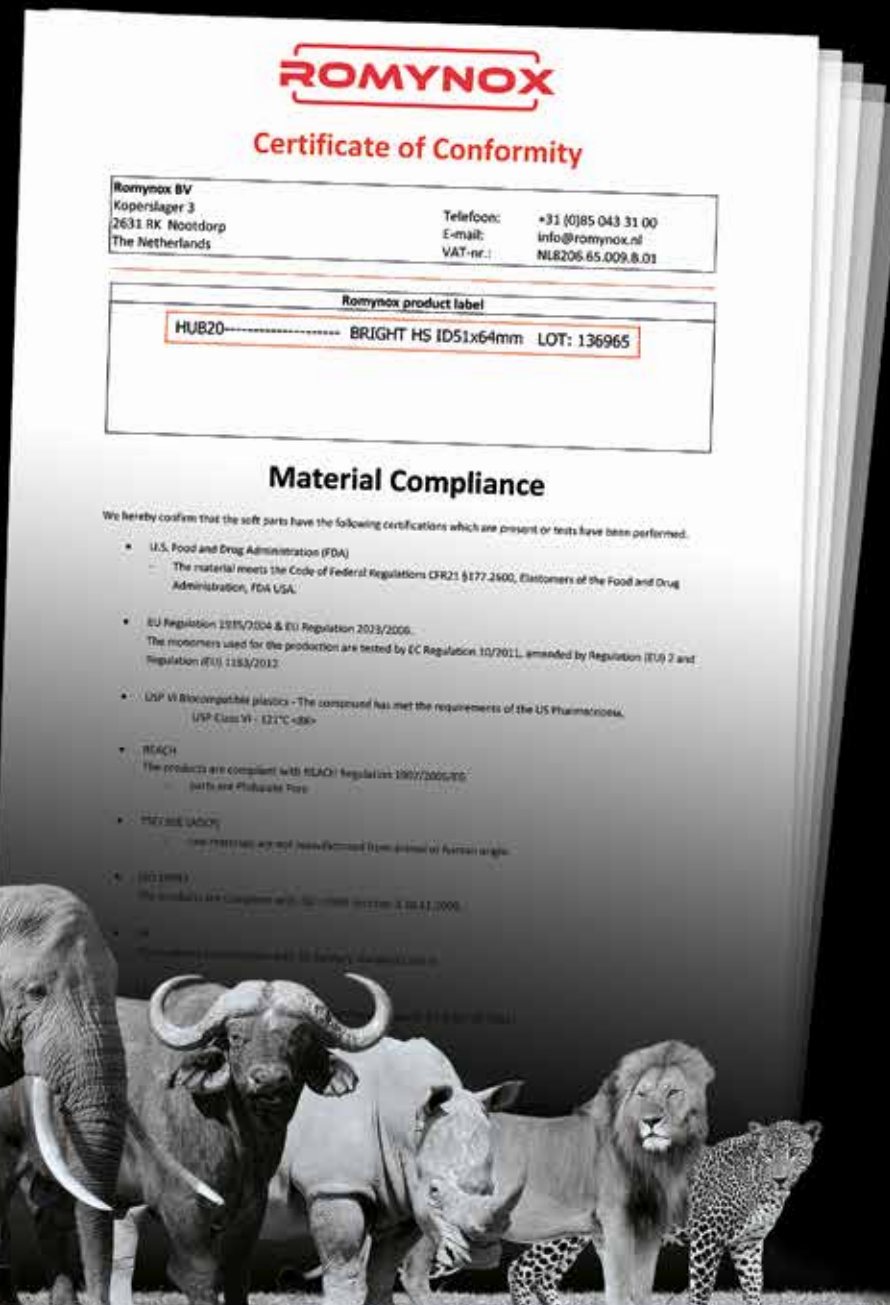
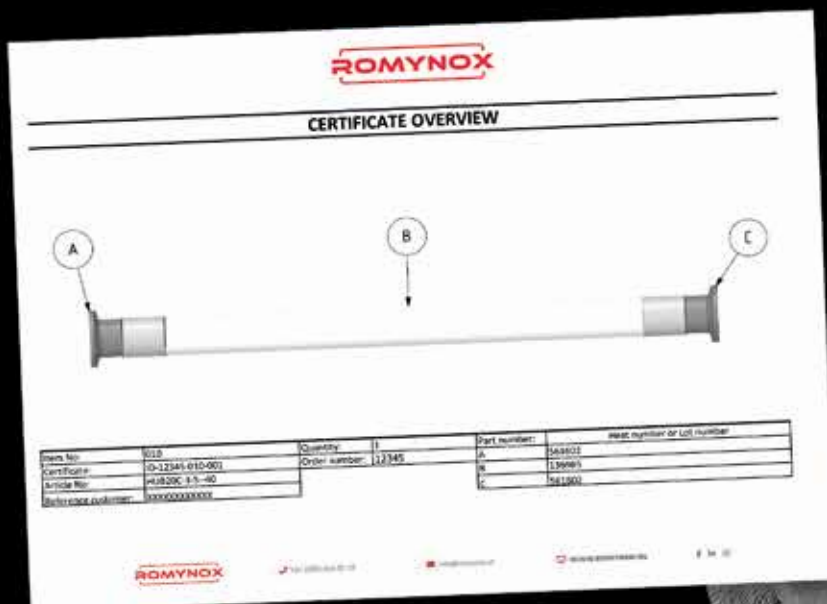
*depending on the diameter of the hose, usage and temperature. More information in the datasheets.



CERTIFICATES

The hose assemblies are always supplied with all relevant and necessary certificates for the pharmaceutical industry. The certificates of the hose and crimp fittings come in a handy certificate overview, so you receive a clear and well-arranged document.

Each hose gets an unique product-ID, which is laser engraved on the fittings. This ID is also mentioned on the certificate, so there is no indistinctness about what certificate belongs to each hose. The ID can be used to retrace and easy re-ordering of that particular hose assembly. We always keep a copy of the certification at ROMYNOX.



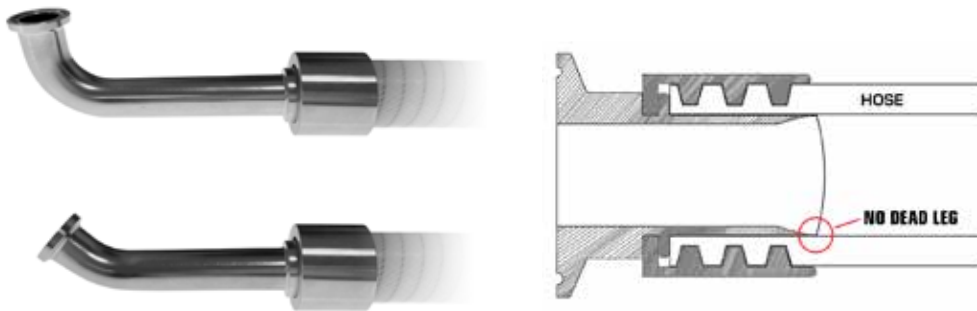
CRIMP FITTINGS

The hose is enclosed between the two stainless steel parts of the crimp fitting without affecting the physical features of the hose. The passage between the hose and fitting will remain smooth during this process, and there is no dead leg between the fitting and hose.

The Big 5 hoses can be fitted with the desired crimp fittings that we assemble ourselves with our modern hose crimping machine. With our wide range of crimp fittings we always have the ideal fitting for the required connection and hose.

BENEFITS OF A CRIMP FITTING

- The most reliable connection, no human errors possible when assembling a hose and connection
- Most aseptic connection
- Good cleanability
- Always stronger than the burst pressure of a hose
- Clear certification, all components will stay together

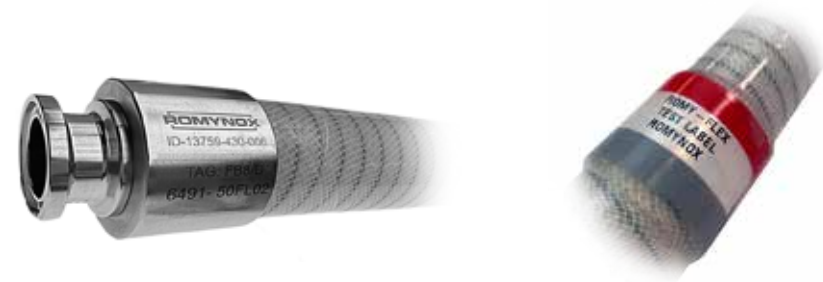


TAGGING OPTIONS

Besides the unique product-ID, which is engraved on each assembled product, we can also help you with your internal coding or ID's on the fittings. Your required ID, number or other information can be laser engraved on the fittings. We can also place ID stickers on the packaging if the information is not important after the hose is installed.

ROMY-LABEL

Your information or coding is sealed to the hose itself with the Romy-Label. The hose is not affected and can be identified clearly with several colors available. SIP and CIP remains possible without damaging the Romy-Label. The label is applied in a clean environment and can be sealed to all our hoses. For more information about tagging options, visit our website.



For more and the most actual information, check our website





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CONNECTING
HIGH PURITY
PROCESSES

