

Suction/pressure hose, Heavy-duty design, Hose Ø 93x80 - Riegler 113924

Item no. RGL-113924

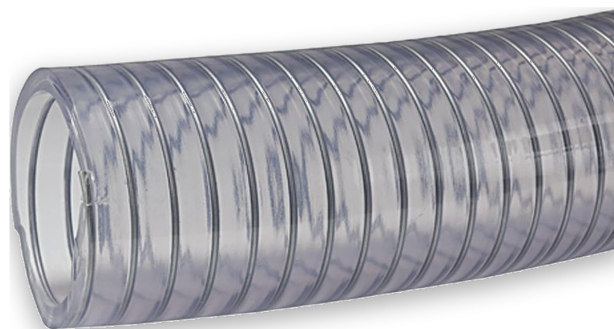
Manufacturer Riegler

EAN 4047322268202

Suction/pressure hose, Heavy-duty design, Hose Ø 93x80

TECHNICAL DATA

Country of Manufacture	Switzerland
For hose ID [mm]	80
For hose OD [mm]	93
Weight	2.57 kg
Zolltarifnummer	39173900



DESCRIPTION

Suction/pressure hose, Heavy-duty design, Temp. -15°C to 60°C, Vacuum 0.9 bar, Hose Ø 93x80, PN at 20 °C max. 4 bar, Roll of 30 m Transparent plastic hose with spiral steel wire embedded in the wall. Suitable for process water, sludge and liquid manure under extreme conditions. Extremely flexible and non-toxic. Acc. to 2007/19/EC. IMPORTANT: Hose sizes 50 x 40 mm and larger are shipped from our distribution centre in the Netherlands using a forwarding agent.

TECHNICAL DATA

Min. temperature range	-15 °C
Max. temperature range	60 °C
Outer cover	soft PVC
Inner tube	soft PVC
Reinforcement	steel spiral
Vacuum	0.9 bar
Tube I.D.	80 mm
Tube O.D.	93 mm
Min. bending radius	240 mm
Reel length	30 m
Max. Operating pressure at 20 °C	4 bar

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STANDARDS AND ORIGIN

- Customs tariff number: 39173900
- Country of origin: CH

ABOUT SUCTION AND DISCHARGE HOSES

Suction and pressure hoses carry liquids where rigid pipework would be too inflexible, and they take positive pressure as well as vacuum. The range is rated for operating pressures up to 10 bar and is supplied on rolls. Inner diameter, temperature and media compatibility decide which hose is the right one.

WHAT MATTERS WHEN CHOOSING

- Max. operating pressure across the group is 10 bar. Pressure peaks in the system have to stay below that figure, the burst pressure quoted separately is not a working reserve.
- The inner hose diameter sets the flow rate and is the axis the configurators are built on. The outer diameter then decides which clamps and tails will fit.
- Vacuum: not every version is rated for suction duty. Wherever the hose is pulled on rather than pressurised, the vacuum figure of that article has to be met.
- Minimum and maximum temperature limit the application. Outdoor installation and warm media narrow the choice in different directions.
- Minimum bend radius and roll length govern the routing. Tight runs need a small bend radius, long runs save joints if the roll length is chosen to suit.

TYPICAL APPLICATIONS

- Service water transfer on construction sites and in workshops
- Suction and transfer duty in agriculture, slurry handling for example
- Transfer of dilute acids and alkalis in treatment plants
- Pump suction lines, where the hose has to withstand vacuum
- Temporary lines during maintenance and conversion work, cut to length from the roll

The 39 articles in this group are made in Switzerland, Turkey and France. Cover, reinforcement and inner core are stated per article and determine which media the hose will take.