TOTAKU

TOTAKU Hoses for Vacuum Trucks

Founded in 1952, Nagase RooTAC INDUSTRIES, INC. has been a pioneer in the pipes and hose industry, creating the world's first flexible hose. Driven by our core principle of prioritizing customer satisfaction through exceptional quality, we continuously innovate to meet the evolving needs of our customers. We are dedicated to making a positive impact on the world by developing unique, thoughtful products that address modern challenges.



Featured Products

CLEAN-W	02
CLEAN-S	03
CLEAN-CW	04
CLEAN-DC	05

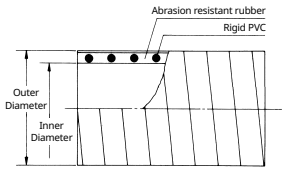
Notice:

- The data in this catalog uses values in a straight hose configuration.
- The permissible pressure is not the maximum operating pressure. Please refer to the "Operating Pressure Design Table" in the hose handling precautions and configure according to the operating pressure (normal working pressure). Also, please note that the combination of fittings and clamps, operating temperature, and bending conditions may affect performance.

TOTAKU CLEAN-CW

Part Number - 24109





(Clamp Mounting Example)



Steel Punch Band Clamp (For Coupling on Vacuum Trucks – Suction Use Only)

Features

- A versatile, all-season hose designed to handle a wide range of temperature changes in working environments.
- Exceptional cold resistance, suitable for use even in cold climates. (Operating temperature range: -20°C [-4°F] to 50°C [122°F]).

Applications

- Exclusively for vacuum trucks.

Cautions

- Avoid long-term storage outdoors, as this may cause cracks to form due to ozone degradation.

Standard Dimensions and Properties

Nominal Diameter		Inner Diameter		Outer Diameter		Reference Weight		Length		Allowable Pressure *(at room temperature)*		Allowable Bend Radius *(to the center axis of the hose)*	
inch	mm	inch	mm	inch	mm	lbs/ft	g/m	ft	m	psi	MPa	inch	mm
2	48	1.89	48.0	2.22	56.5	0.65	960	65/98 131/164	20/30 40/50	29.01	0.20	15.75	400

Operating Temperature Range:

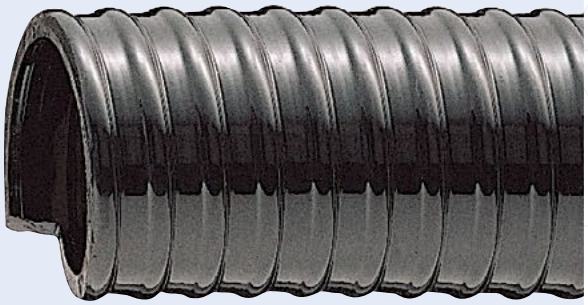
°F: -4 to 122 °C: -20 to 50

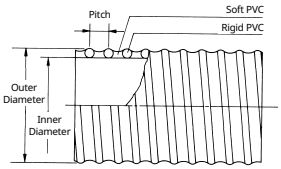
Notes:

- The permissible pressure varies with operating temperature.
- Operating down to a vacuum level of approximately 29.5 inHg (-0.1 MPa) is feasible at room temperature

TOTAKU CLEAN-DC

Part Number - 24108





(Clamp Mounting Example)



Steel Punch Band Clamp
(For Coupling on Vacuum Trucks – Allowable Pressure 29 psi [0.20 MPa] or Less)

Features

- Specifically designed for discharge, ensuring smooth operation on-site.

Applications

- Discharge hose exclusively for vacuum trucks.

Standard Dimensions and Properties

Nominal Diameter		Inner Diameter		Outer Diameter		Pitch		Reference Weight		Allowable Pressure *(at room temperature)*		Allowable Bend Radius *(to the center axis of the hose)*	
inch	mm	inch	mm	inch	mm	inch	mm	lbs/ft	g/m	psi	MPa	inch	mm
2.5	65	2.50	63.5	3.09	78.5	0.56	14.3	1.17	1740	58.02	0.40	31.50	800
3	75	3.00	76.2	3.65	92.8	0.59	15.1	1.51	2240	50.76	0.35	35.43	900

Operating Temperature Range:

Suction

°F: 14 to 140 °C: -10 to 60

Discharge

°F: 14 to 122 °C: -10 to 50

Notes:

- The permissible pressure varies with operating temperature.
- Operating down to a vacuum level of approximately 29.5 inHg (-0.1 MPa) is feasible at room temperature