



## Rubber transfer hoses



### VOLGA BN SPECIAL®

**Robust suction and delivery hose for dry food transfer**

**Inner layer:** white NR/SBR rubber  
**Reinforcement:** synthetic cord, steel spiral  
**Outer layer:** black EPDM rubber  
**Operating temp:** -30°C to +70°C

Robust suction and delivery hose for the extraction or pneumatic transfer of dry abrasive substances. Inner layer of white, smooth, abrasion-resistant rubber (80 mm<sup>3</sup> to ISO 4649, formerly DIN 53516), compliant with FDA 21 CFR 177.2600 for food contact. Reinforced with synthetic cord and steel spiral. Incorporated **two copper cords** which dissipate electrical charges when earthed (or connected to the earthed end). Weather and ozone resistant outer layer. Hose designed for the transport of dry food substances: grain, sugar, powders, feed, granulates, etc. Suitable for transport of dry foodstuffs: grain, sugar, powder, feed, granulates, etc. (under FDA conditions) and other abrasive substances, e.g. PVC granulate, for which a white, non-marking inner layer is required. It is not intended for use in ATEX hazardous areas.

index	internal diameter [mm]	external diameter [mm]	wall thickness [mm]	working pressure [bar]	Bursting pressure [bar]	vacuum [bar]	bend radius [mm]	mass [kg/m]	Roll length [m]
IV-VOLGA-BNS-038	38	56	9	8	24	0,9	209	1,96	60 / 120
IV-VOLGA-BNS-051	51	69	9	8	24	0,9	281	2,50	60 / 120
IV-VOLGA-BNS-065	65	79,5	7,25	6	18	0,9	358	2,63	60 / 120
IV-VOLGA-BNS-075	75	95	10	8	24	0,9	413	4,24	60 / 120
IV-VOLGA-BNS-080	80	102	11	8	24	0,9	440	4,94	60 / 120
IV-VOLGA-BNS-090	90	114,5	12,25	8	24	0,9	495	6,01	60 / 120
IV-VOLGA-BNS-102	102	126	12	8	24	0,9	561	6,78	60 / 120
IV-VOLGA-BNS-110	110	130	10	6	18	0,9	605	6,21	60 / 120

Note: indexes highlighted in colour - most commonly used

#### Cleaning:

hot water	steam	hydrogen peroxide		peracetic acid		phosphoric acid	chlorine	sodium hydroxide		nitric acid	
		1%	3%	0,1%	0,5%	5%	1%	2%	5%	0,1%	3%
80°C / 8 h	max 110°C / 15 min	max 50°C / 10 min	max 30°C / 10 min	max 30°C / 10 min	max 30°C / 10 min	max 50°C / 15 min	max 70°C / 15 min	max 70°C / 10 min	max 30°C / 10 min	max 50°C / 10 min	max 30°C / 10 min

#### Standards and requirements:

Food industry, food contact: 1935/2004/EC, 2023/2006/EC (GMP). Inner layer in compliance with FDA 21 CFR 177.2600 for dry food substances, BfR XXI cat.4.



Conveyor hose for dry bulk material VOLGA BN SPECIAL DN76 with CAMLOCK connector (plug) in AISI 316 stainless steel (AC-ERS-075-SS). Connector fitted to the hose with an aluminium shell bracket (TI-SC-075-100-AL). Hose copper lines connected to the coupling.

