



Hot air hoses for unloading silos



SAHARA® LL BD / SAHARA® LO BN

Suction and discharge hose for hot air Inner layer:

white rubber EPR

Reinforcement: synthetic braid, steel spiral

Outer layer: blue EPDM rubber

(for SAHARA LO BN version black EPDM corrugated rubber)

Operating temperature: -40°C to +200°C

(temporarily up to +240°C)

Robust, flexible, kink-resistant suction and discharge hose designed for the transfer of hot, dry air from the compressor to the tanker installation. Ideal where a small bend radius is required. Used in bulk road tankers: cement trucks, feed trucks, etc. and other industrial installations. Ozone- and weather-resistant outer layer.

The SAHARA LO BN version with a black corrugated outer layer is often used for flexible installation fittings. For 90 mm diameter, it is available in 2 m lengths with soft, spiral-free ends.

index	internal diameter [mm]	external diameter [mm]	wall thickness ss [mm]	working pressure [bar]	Bursting pressure [bar]	vacuum [bar]	bend radius [mm]	mass [kg/m]	Roll length [m]
IV-SAHARA-LL-BD-025	25	37	6	10	30	0,9	85	0,83	60 / 120
IV-SAHARA-LL-BD-032	32	44	6	10	30	0,9	112	1,01	60 / 120
IV-SAHARA-LL-BD-038	38	50	6	10	30	0,9	133	1,25	60 / 120
IV-SAHARA-LL-BD-040	40	53	6,5	10	30	0,9	140	1,35	60 / 120
IV-SAHARA-LL-BD-051	51	64	6,5	10	30	0,9	178,5	1,87	60 / 120
IV-SAHARA-LL-BD-060	60	78	9	10	30	0,9	210	2,12	60 / 120
IV-SAHARA-LL-BD-063	63,5	77,5	7	10	30	0,9	222	2,50	60 / 120
IV-SAHARA-LL-BD-076	76	91	7,5	10	30	0,9	266	2,95	60 / 120
IV-SAHARA-LL-BD-090	90	105,5	7,75	10	30	0,9	315	4,03	60 / 120
IV-SAHARA-LL-BD-102	102	117,5	7,75	10	30	0,9	408	4,38	60 / 120
IV-SAHARA-LO-BN-051	51	~	~	10	30	0,9	175	1,69	60
IV-SAHARA-LO-BN-063	63,5	~	~	10	30	0,9	222	2,13	60
IV-SAHARA-LO-BN-076	76	~	~	10	30	0,9	270	2,67	60
IV-SAHARA-LO-BN-090	90	~	~	10	30	0,9	315	3,67	60
IV-SAHARA-LO-BN-090-2M*	90	~	~	10	30	0,9	315	7,0*	2

* hose section DN90 2 m long on both sides with *soft ends* L= 100 mm, outer diameter of ends 109 mm. Weight approx. 7 kg. Note: Indices highlighted in colour - the most commonly used;



SAHARA LL BD DN51 hose assembled with STORZ stainless steel end (ST-13-066050-43) clamped with an aluminium shell clamp. The nozzle has a smooth 'tail' to the hose, with a locking lock, to be assembled with the shell clamp. Tip seal made of heat-resistant viton, standard for STORZ stainless steel tips. On road tankers for bulk materials, a cheaper aluminium end is often used, but with a heat-resistant silicone gasket.



SAHARA LO BN hose has a similar minimum bend radius as SAHARA LL BD, but bends more easily, requiring less force to bend, enabling more flexible tanker air system connectors to be made.

