

**Water and waste water hoses**



**AMBURGO**

**Flexible rubber suction and discharge hose for water and waste water**

**Inner layer:** black synthetic rubber (SBR) **Reinforcement:** synthetic cord, steel spiral **Outer layer:** black corrugated synthetic rubber  
**Operating temperature:** -30°C to +70°C

Flexible, lightweight and strong suction and delivery hose for water, waste water, sludge, non-corrosive liquids, natural fertilisers (slurry). Inner layer made of smooth synthetic rubber, resistant to sludge and sewage. Corrugated outer layer provides a small bend radius and is ozone, weather and ageing resistant. Suitable for agricultural, construction and industrial applications, used for emptying septic tanks, as a suction hose for water and sewage pumps, for drainage and irrigation, for tankers. Can be used for air extraction, dust extraction and for bulk materials. Assembly - depending on diameter and type of fittings by means of steel bands, bands, clamps or collets.

index	internal diameter [mm]	external diameter [mm]	overall thickness [mm]	working pressure [bar]	Bursting pressure [bar]	vacuum [bar]	bend radius [mm]	mass [kg/m]	Roll length [m]
IV-AMBURGO-025	25	34	4,5	3	9	0,8	80	0,60	60
IV-AMBURGO-051	51	61	5	3	9	0,8	175	1,28	60
IV-AMBURGO-076	76	87	5,5	3	9	0,8	275	2,01	60
IV-AMBURGO-102	102	115	6,5	3	9	0,7	400	3,22	60
IV-AMBURGO-203	203	218	7,5	3	9	0,7	1010	9,42	60
IV-AMBURGO-254	254	~	~	3	9	0,7	1370	11,67	60
IV-AMBURGO-305	305	~	~	3	9	0,7	1830	18,75	60
IV-AMBURGO-350	350	~	~	3	9	0,7	2100	27,55	12



**GREEN**

**Robust suction and discharge hose for water and waste water** Hose material: green

**PVC**  
**Reinforcement:** Hard PVC spiral  
**Operating temperature:** -25°C to +55°C  
(working pressure dependent on temperature)

Robust and flexible PVC suction and discharge hose for water and waste water. Smooth inner wall, slightly corrugated on the outside. Good resistance to external trauma and harsher conditions of use. Flexible at low temperatures. Used in irrigation systems, cisterns and slurry tankers, sewer cleaning and septic tank emptying.

index	internal diameter [mm]	external diameter [mm]	wall thickness [mm]	working pressure 20°C [bar]	20°C burst pressure [bar]	20°C vacuum [bar]	bend radius [mm]	mass [kg/m]	Roll length [m]
ME-GREEN-051	50,8	61	5,1	4,5	13,5	0,9	200	0,96	30
ME-GREEN-063	63,5	75,5	6	4	12	0,9	250	1,30	30
ME-GREEN-076	76,2	88,4	6,1	3,5	10,5	0,9	300	1,70	30
ME-GREEN-102	101,6	116,2	7,3	3	9	0,9	400	2,60	30
ME-GREEN-110	110,5	125,5	7,5	2,7	8	0,9	440	3,00	30
ME-GREEN-152	152,4	170,4	9	1,8	5,5	0,9	600	4,70	20

Note: indexes highlighted in colour - most commonly used

Temperature dependence of burst pressure and working pressure for typical PVC hoses	temperature	20°C	30°C	40°C	50°C	60°C	70°C
	pressure	100%	74%	55%	40%	30%	22%



GREEN hose DN 76 with BAUER coupling (plug OM-B8-089-076 in galvanised steel) mounted with robust AISI 316 steel screw ties for a large farm in Poland near Kalisz. Also near Kalisz, at another farm, a GREEN DN51 hose was used with a PM-RD25T galvanised steel suction filter, fixed with a BAND-IT® JUNIOR band clamping system. The hose is designed for pumping water from a fish pond.

