



**Water hoses**



**VACUPRESS FLEX**

**Robust suction and delivery hose for water, waste water and bulk materials**

- Inner layer** Black PVC
- Reinforcement:** polyester braid, galvanised steel spiral
- Outer layer** Black PVC
- Operating temp:** -25°C to +60°C  
(operating pressure dependent on temperature)

Highly flexible, lighter than rubber, suction and delivery hose designed for the transfer of water, sewage, sludge and dry bulk materials. Used for irrigation systems, loading and unloading of tankers, in industrial installations, etc. Remains highly flexible at sub-zero ambient temperatures. The smooth inner and outer wall makes it easy to keep the hose clean and increases the unloading capacity by 20%. It is resistant to weather conditions and abrasion. The hose is also available in straight, non-bent circular lengths of 3 to 6 m.

index	internal diameter [mm]	external diameter [mm]	wall thickness [mm]	working pressure 20°C [bar]	Bursting pressure 20°C [bar]	20°C vacuum [bar]	bend radius [mm]	mass [kg/m]	Roll length [m]
ME-VACUPRFX-025	25	36	5,5	16	48	0,9	80	0,68	60
ME-VACUPRFX-032	32	42,5	5,25	16	48	0,9	100	0,80	60
ME-VACUPRFX-040	40	52	6	14	42	0,9	130	1,20	30
ME-VACUPRFX-050	50	63,5	6,75	12	36	0,9	150	1,60	30
ME-VACUPRFX-060	60	74	7	12	36	0,9	180	2,00	30
ME-VACUPRFX-063	63	77	7	12	36	0,9	190	2,10	30
ME-VACUPRFX-076	76	92	8	12	36	0,9	210	2,97	30
ME-VACUPRFX-080	80	96	8	10	30	0,9	220	3,02	30
ME-VACUPRFX-090	90	106,5	8,25	10	30	0,9	250	3,50	30
ME-VACUPRFX-102	102	119	8,5	10	30	0,9	300	4,15	30
ME-VACUPRFX-120	120	138	9	8	24	0,9	350	5,43	20
ME-VACUPRFX-127	127	145	9	7	21	0,9	370	5,95	20
ME-VACUPRFX-152	152	171	9,5	5	15	0,9	480	7,05	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%

VACUPRESS FLEX hose DN80 with LAUX lever coupling (TF-KMS-076-080-AL) in aluminium mounted to the hose by means of a band clamp system BAND-IT® designed for water and sludge extraction in Trondheim, Norway.

