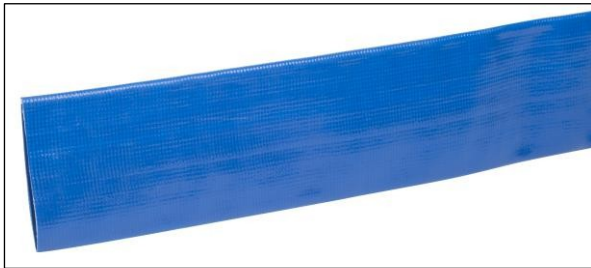




Flat hoses

A special type of hose in the group of hoses for water and air is flat hoses (flat-fold hoses). These are thin-walled, flattened discharge hoses in the unpressurised state, commonly used as firefighting hoses, hydrant hoses, hoses for irrigation in agriculture and drainage in construction. They can also find their application in the transportation of sea water, industrial water, solutions of certain chemicals, in industry and road construction. The main advantages of flat hoses are that they are lightweight and flexible, and weatherproof - as they are usually used outdoors. End fittings for flat hoses are most often (in the case of undemanding applications and low operating pressures) fitted with twisted bands, see section: INDUSTRIAL FITTINGS - bands, clamps, sleeves. Not all types of end fittings, clamps and sleeves are suitable for flat hoses - due to the small thickness of the hose. Suitable end fittings can also be mounted on the hose using a wire system, Band-It clamping system®, and in some cases machine-pressed using collets. Special twist clamps developed for flat hoses are sometimes used.



JAMAICA X

Lightweight and inexpensive flat water hose Hose material: blue

PVC

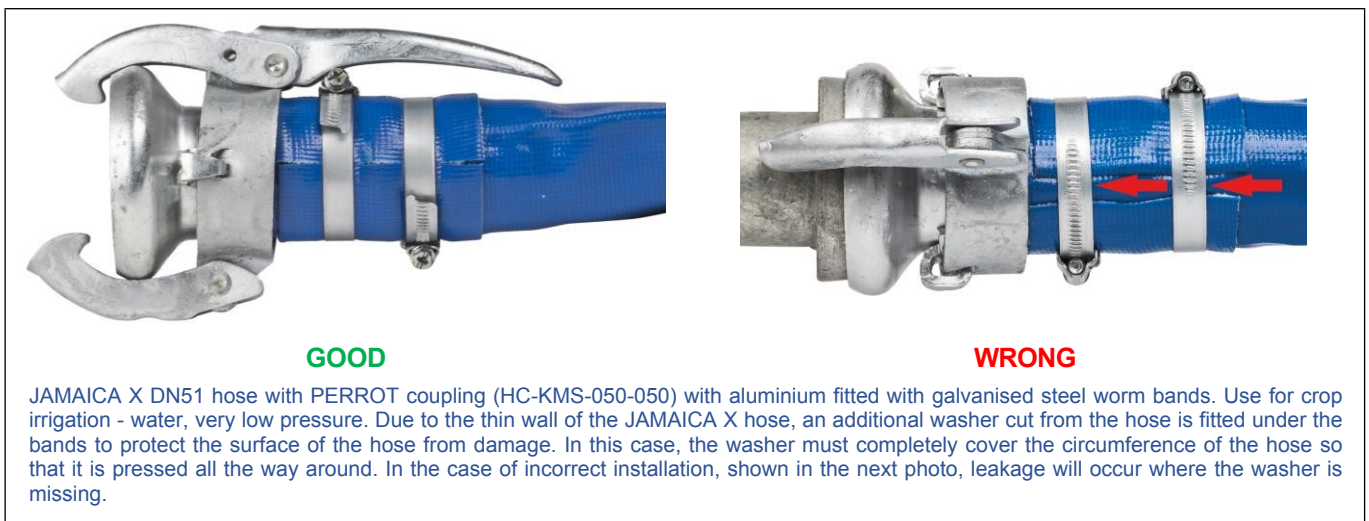
Reinforcement: polyester spacer

Operating temp: -5°C to +60°C
(temperature-dependent operating pressure)

Very lightweight, flat (at rest) discharge hose designed for water transfer. An economical solution for low operating pressures and undemanding working conditions. Used in agriculture, construction and other industries.

index	internal diameter [mm]	working pressure 20°C [bar]	Bursting pressure 20°C [bar].	Roll length [m]
ME-JAMAIX-038	38	3	9	50
ME-JAMAIX-051	51	3	9	50
ME-JAMAIX-063	63	3	9	50
ME-JAMAIX-076	76	3	9	50
ME-JAMAIX-102	102	3	9	50
ME-JAMAIX-127	127	3	9	50
ME-JAMAIX-152	152	3	9	50
ME-JAMAIX-203	203	3	9	50

Note: indexes highlighted in colour - most commonly used



GOOD

WRONG

JAMAICA X DN51 hose with PERROT coupling (HC-KMS-050-050) with aluminium fitted with galvanised steel worm bands. Use for crop irrigation - water, very low pressure. Due to the thin wall of the JAMAICA X hose, an additional washer cut from the hose is fitted under the bands to protect the surface of the hose from damage. In this case, the washer must completely cover the circumference of the hose so that it is pressed all the way around. In the case of incorrect installation, shown in the next photo, leakage will occur where the washer is missing.

