

Chemical Rubber Hoses (EPM / EPR) - for light and medium aggressive chemicals



ORLANDO® EPR

Industrial chemical delivery hose Internal

layer: black EPM rubber (EPR)

Reinforcement: synthetic cord **Outer**

layer: Black EPM rubber

(EPR) Operating temp: -40°C to +100°C

Delivery hose designed for the transfer of many chemicals, mainly for solutions of acids, bases, ketones, aldehydes, industrial alcohols and glycols. Basic, classic rubber chemical hose. Often used in industrial plants and treatment plants for the discharge of contaminated water and process water. Also suitable for seawater. Inner layer made of antistatic ($R \leq 10^6 \Omega / m$) EPR rubber (other designation: EPM). Reinforcement from high-strength cord. Outer layer in antistatic ($R \leq 10^6 \Omega / m$) EPR rubber (EPM) resistant to chemicals, abrasion, ozone and weather conditions.

Chemical resistance check: EPM chemical resistance table (EPR) (pre-selection), confirmation of resistance and conditions of use by Tubes International (especially for temperatures above 50°C).

index	internal diameter [mm]	external diameter [mm]	wall thickness [mm]	working pressure [bar]	Bursting pressure [bar]	mass [kg/m]	Roll length [m]
IV-ORLANDO-013	13	23	5	10	40	0,30	60 / 120
IV-ORLANDO-019	19	29	5	10	40	0,42	60 / 120
IV-ORLANDO-025	25	35	5	10	40	0,51	60 / 120
IV-ORLANDO-032	32	42	5	10	40	0,60	60 / 120
IV-ORLANDO-038	38	50	6	10	40	0,91	60 / 120
IV-ORLANDO-051	51	64	6,5	10	40	1,30	60 / 120
IV-ORLANDO-063	63,5	80,5	8,5	10	40	2,07	60 / 120
IV-ORLANDO-076	76	92	8	10	40	2,27	60 / 120
IV-ORLANDO-090	90	106	8	10	40	2,61	60 / 120
IV-ORLANDO-102	102	121	9,5	10	40	3,63	60 / 120
IV-ORLANDO-125	125	141	8	10	40	3,59	60 / 120

Note: Indexes highlighted in colour - most commonly used.



ORLANDO hose DN19 with 3/4" BSPT male thread (NM-VT123-12) in stainless steel AISI 316, with corrugated "tail" to the hose, stainless steel worm band fitted - used for the overflow of chemicals in the industrial workshop.



ORLANDO DN51 (2") hose with CAMLOCK coupling plug (type ERS - with smooth "tail" under the shell clamp), in AISI 316 stainless steel, mounted to the hose by means of an aluminium shell clamp, designed for the discharge of industrial water contaminated with chemicals.