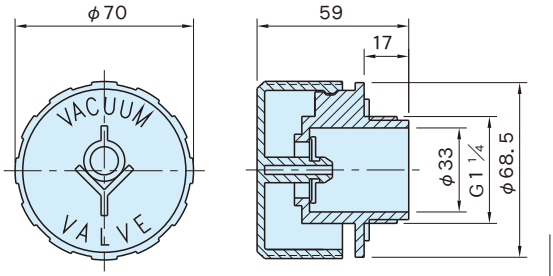
VLHS VALVE BREATHER PLUGS

RoHS※

Original ELESA Model TVD. elesa

VLHS-1.1/4FK
(FKM Version)

VLHS-1.1/4EP
(EPDM Version)



Part Number	Cap	Cap Threaded Connector	Packing Ring	Membrane Gasket
VLHS-1.1/4FK	Polypropylene plastic Green	Polypropylene plastic Black	Synthetic rubber	FKM
VLHS-1.1/4EP	Polypropylene plastic Red		Synthetic rubber	EPDM

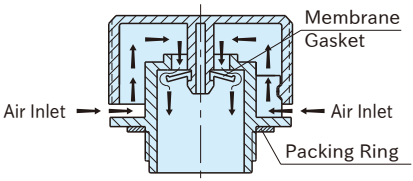
Part Number	Weight (g)
VLHS-1.1/4FK	80
VLHS-1.1/4EP	

Features:

- The membrane gasket works to avoid vacuumization inside the reservoir by letting air come in through the cap.
- Ideal for reservoirs or tanks for liquid transport.
- Designed to let in a large amount of air and quickly empty the reservoir.

Technical Information

Working temperature : Between −20˚C and 50˚C



Air comes into the reservoir when the membrane gasket warps owing to vaccum caused by liquid discharge.

Pressure (hPa)	Flow Rate(ℓ/min)	
	VLHS-1.1/4FK	VLHS-1.1/4EP
50	360	370
40	320	330
30	260	280
20	210	230
10	140	160
5	110	130

Chemical Resistance(○Good ×Fairly good △Poor)

Chemicals	FKM	EPDM	PP
Aliphatic hydrocarbons (gasoline, gas oil, ethane, Propane, buthane)	○	×	△
Benzol	○	×	×
Aromatic hydrocarbons(toluol, xylol)	○	×	△
Glycol	○	○	○
Alcohol	×	○	○
Ketones(acetone, methyl ethyl ketone)	×	○	○
Esters	×	○	○
Poor bases	○	○	○
Strong bases	×	○	○
Poor acids	○	○	○
Strong acids	×	○	○
Mineral oils and greases	○	×	△
Animal and vegetable oils	○	×	○
Aldehyde(formaldehyde)	×	○	○
Concentrated ammonia	×	○	○
Concentrated acetic acid	×	○	○
Concentrated nitric acid	○	×	△
Concentrated sulphuric acid	○	×	○
Concentrated hydrochloric acid	○	○	○

※Some items are not RoHS-compliant. Contact us at info@imao.jp for the updated information.