

Solo chemical OPD



The Solo OPD is a safety and environmental protection equipment

The Solo OPD is characterized by its integral passage and its short reopening time allowing a very fast filling

It's the result of the LAFON experience for over 30 years in the OPDs

Technical features

- Used for direct filling by pump or gravity
- Products : chemical according to materials and viscosity compatibility
- For aboveground or underground tanks
- Maximum flow rate : 60m³/hr - 1000 liters/minute
- Minimum flow rate : 3,6m³/hr - 60 liters/minute
- Maximum pressure : 8 bar - 110 psi
- Minimum pressure : 150 mbar - 2,17 psi
- Reopening time / flow: less than 1 minute
- Easy installation:
directly under the manhole lid

Advantages

- Flow rate greater than the competitors' ones of 20 to 25% (integral passage for a faster filling)
- Used in gravity filling or in pressure (8 bar)
- Easy installation (flange to be screwed)
- Anti-vortex, preventing premature closing
- Longevity of the equipment (float made of stainless steel, non corrosive)
- Tested individually in production

Reference Description

10003000 SOLO DN 80 - 3" BSP

Marking ATEX  II 1G c IIB T6

ATEX : EC type examination certificate INERIS 04
ATEX 0103 + complement INERIS 04 ATEX 0103/1



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EN 13616

Dispositif limiteur de remplissage, destiné à être utilisé dans des installations de transport/distribution/stockage des gaz/carburants destinés à l'approvisionnement des systèmes de chauffage/refroidissement des bâtiments

Catégorie A

Efficacité des dispositifs limiteurs de remplissage — Réussite

Durabilité de l'efficacité contre la température, les attaques chimiques, la fatigue et le nombre de cycles — Réussite



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List of materials constituting the Solo chemical OPD

Aluminum	Stainless steel
Cupro-Aluminum	Copper
Brass	PTFE
ARCAP	

List of products chemically compatible with the SOLO chemical OPD (all PTFE gaskets)

Acrylonitrile	Ether
Allyl alcohol	
Amyl alcohol	Mineral oil
Benzyl Alcohol	Hydroquinone
	Sodium hypochlorite
Metyl alcohol	Calcium hypochlorite
Octyl alcohol	M e k
Acetaldehyde	Methyl glycol
Butyle acetate	MIBK
Ethyl acetate	Ammonium nitrate
Methyl acetate	Sodium nitrate
Isopropyl acetate	Ammonium phosphate
Acetone	Sodium phosphate
Butylene	Propylene glycol
Butylene glycol	Sulfate
Cyclohexane	
Cyclopentane	Toluene
Dichloroethylene	Trichlorethylene
	Trimethylpentane
	Xylene

Recommendations

The viscosity and temperature to use these products being highly variable, it is necessary to specify the conditions of use at time of installation

The above list is not exhaustive, the use of other products and under certain conditions may be considered