Note that, for some of the types shown here, order might be unable to be received by the MISUMI Indonesia offices.

Lids for Open-Top Tanks / Gaskets for Sealing Lids / Stands for Open-Top Tanks

Outlet Config. Selectable

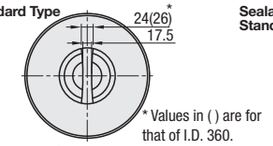
Features: Upper column mid column: Tank components can be ordered from one unit. Shape of the inlet on Lids for Sealable Tanks are selectable. Lower column: Detachable tank holder.

Lids for Open-Top Tanks

RoHS10

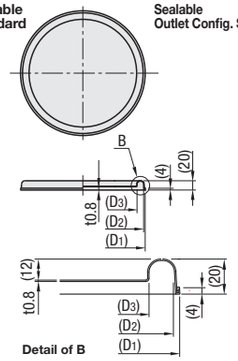
Type			Material	Normal Operating Pressure
Standard Type	Sealable			
	Standard	Outlet Config. Selectable		
TANCV	TANCVM	TANCVS	SUS304	Atmospheric Pressure

Standard Type



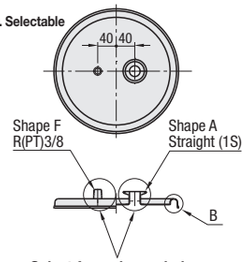
Detail of A

Sealable Standard



Detail of B

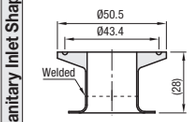
Sealable Outlet Config. Selectable



Select from shapes below.

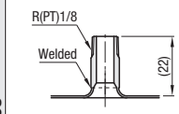
Sanitary Inlet Shapes

A Shape: Straight (1S)

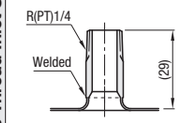


Male Thread Inlet Shapes

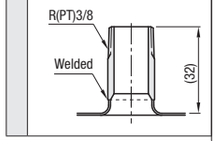
D Shape: R (PT) 1/8



E Shape: R (PT) 1/4



F Shape: R (PT) 3/8



Lids for Standard Open-Top Tanks

Part Number Type	Tank I.D. (D)	(D1)	(D2)	(D3)	(T)	Unit Price Qty. 1 ~ 3
TANCV	180	207	197	92	22	
	210	236	226			
	240	267	257			
	270	296	286			
	300	330	320		25	
	360	390	380	109		

Lids for Sealable Open-Top Tanks

Part Number Type	Tank I.D. (D)	Inlet Shape TANCVS only	(D1)	(D2)	(D3)	Unit Price 1 ~ 3 pc(s). TANCVM	TANCVS Body Price	TANCVS Shape Charge
Standard TANCVM Outlet Config. Selectable TANCVS	180	A D E F	206	198	175			
	210		234	227	202			
	240		269	262	234			
	270		297	290	260			
	300		330	323	291			
	360		390	382	352			

For orders larger than indicated quantity, please check with WOS.

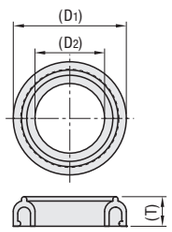
When ordering Outlet Config. Selectable Sealable Open-Top Tanks, choose TANCVS, which is for liquid discharging under airtight condition.
Price of TANCVS = Body Price + Shape Charge x2

Ordering Example

Part Number	-	For Inlet Shape Selectable Type
TANCV180		
TANCVS210	- A	- A

Gasket

TANSEL



RoHS10

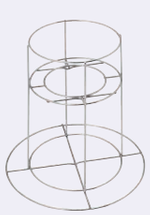
M Material: Silicon Rubber

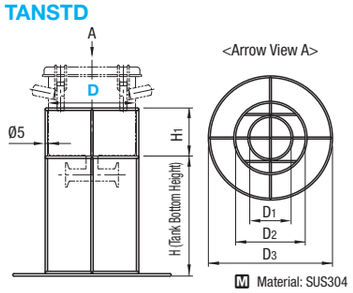
Part Number Type	Tank I.D. (D)	(D1)	(D2)	(T)	Unit Price Qty. 1 ~ 3
Gasket TANSEL	180	195	177	13	
	210	226	205	16	
	240	260	235	17	
	270	288	266	17	
	300	321	296	17	
	360	380	358	16	

Feature of Silicon Rubber **P.391** Feature of Gaskets for Sealing Lids **P.1356**
For orders larger than indicated quantity, please check with WOS.

Stand

TANSTD





RoHS10

M Material: SUS304

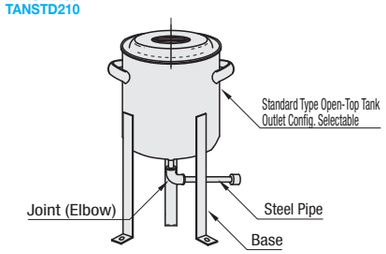
Part Number Type	Tank I.D. (D)	H	D1	D2	D3	H1	Unit Price Qty. 1 ~ 3
Stand TANSTD	180	250	120	195	330	100	
	210		150	225	350	120	
	240		180	255	370	140	

D1 fits any of the outlet configuration of Outlet Config. Selectable Type.
Not available when installing level gauge.
For orders larger than indicated quantity, please check with WOS.

Ordering Example

Part Number
TANSEL180
TANSTD210

Example



Pressure Tanks

Overview

Features

- Pressure Tanks excluding Simplified Type Tanks are suitable for liquid pumping and vacuum defoaming. Capacity and tank shape (4 options) are selectable.
- Number of holes on lid (0, 3 ~ 5) and hole size (Rc (PT) 1/8 ~ 3/8) are selectable.
- Level gauge and float switch can be mounted as alteration.

Product Overview

- ①Capacity: 1 ~ 39ℓ
- ②Material: SUS304
- ③Finish: Buffing on inner and outer surface polishing grade #400 (* Note)

(* Note) Buff Polish Grade: (a) #240: Coarse Buff Polish.
High level of brightness or luster is not provided.
(b) #320: Standard Buff Polish
(c) #400: Fine Buff Polish.
Our product is provided with this type of polish.

Condition of Use

- ①Operating Pressure Range: 0.5Mpa or lower
- ②Chemical Resistance: See <Table 1> to the right for details.
- ③O-Ring Physical Characteristics, Chemical Resistance: **P.1423**
  Oil Resistance - Solvent Resistance: See <Table 2> below.

<Table 1> Stainless Steel Chemical Resistance Chart

○: Excellent △: Slight Corrosion ×: Severe Corrosion

Chemical Solution	SUS304	Chemical Solution	SUS304
Alcohol	○	Bicarbonate Soda	○
Ethyl Alcohol	○	Lactic Acid (5%, Boiled)	△
Ammonia Water	○	Lactic Acid (10%, Boiled)	×
Butyric Acid	○	Sulfuric Acid (5%)	△
Salt (Dry)	○	Sulfuric Acid (50%)	×
Vinegar	○	Chlorine Gas (Humid)	×
Dilute Nitric Acid	○	Chlorine Water	×
Concentrated Nitric Acid	×	Hydrochloric Acid	×
Acetic Anhydride	○	Ferric Chloride	×
Acetic Anhydride (Boiled)	×	Bromine	×

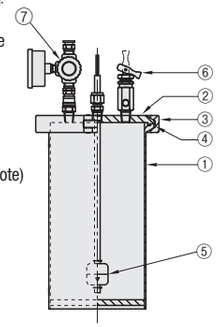
<Table 2> O-Ring Oil Resistance and Solvent Resistance

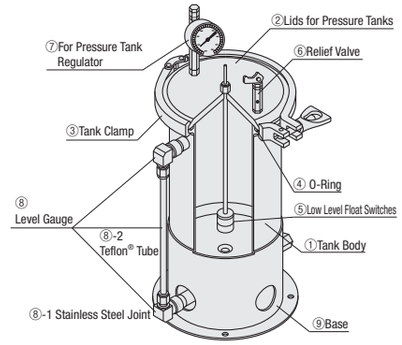
◎: Excellent ○: Good □: Acceptable △: Inferior ×: Not Acceptable

Chemical Solution	Nitrile	Fluorine	Chemical Solution	Nitrile	Fluorine
Gasoline, Light Oil	◎	◎	Trichloroethylene	△	◎
Benzene, Toluene	△	◎	Methyl Alcohol	□	△
Animal and Vegetable Oil	◎	◎	Methylethylketone	×	×
Diester Lubricating Oil	×	○	Ethyl Acetate	×	×
Phosphate-chlorinated Hydraulic Oil	×	△	Ethyl Alcohol	□	×

The information in <Table 1> and <Table 2> above is reference data and to be used only as a guide. Values may differ depending on operational conditions or operating environment.

Basic Structure



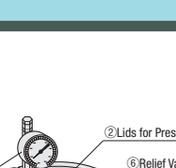


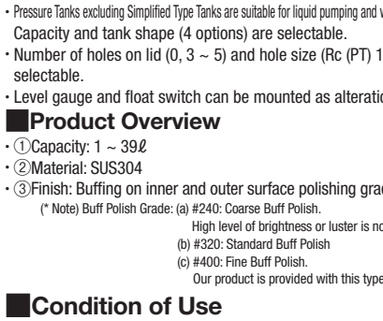
Part No.	Part Name	Purpose
①	Tank Body	Container for Liquid
②	Lids for Pressure Tanks	Applies pressure and prevents contamination
③	Tank Clamp	Fix body and lid
④	O-Ring	Seal for body and lid
⑤	Low Level Float Switches	Activates an alarm when the liquid level drops to low limit
⑥	Relief Valve	Releases pressure
⑦	Regulator for Pressure Tank	Controls pressure within tank
⑧	Level Gauge (⑧-1 Stainless Steel Joint)	Provides visual view of the liquid level
	Level Gauge (®-2 Teflon® Tube (PFA))	
⑨	Base	Secures tank body

Alteration: Pressure Tanks with Safety Function

Features

①Safety Cover: Lifting the cover discharges the pressure, preventing inadvertent operation.
②Support Angles: Prevent the tank from falling after detachment, improving safety.
③Clamp Locating Tang: Use the tang to position the clamp in order to improve repeatability.





Example

Type	Effective Capacity	①Safety Cover A1	①Safety Cover B1	②Support Angle A2	②Support Angle B2	③Clamp Locating Tang A3	③Clamp Locating Tang B3	③Clamp Locating Tang H	③Clamp Locating Tang W	(L1)	(L2)	(L3)	(L4)	(L5)	P1
TNKA□□ (P.1364)	1.6	40	55	35	15	30	10	10	8	68.5	133.9	57.8	30	84	25
	2.2					35	13		10					90	30
	3.1	55	70	50	20	37		14	12	77	140	67.8	40	103	40
	4.4						16				145			131	60
	11					40			16		150		50	158	85
TNKB□□ (P.1365)	1	40	55	35	15	30	10	10	8	68.5	133.9	57.8	30	84	25
	2.9	55	70	50	20	37	13	14	12	77	140	67.8	40	103	40
	4.7						16				145			131	60
	10					40			16		150		50	156	85
TNKC□□ (P.1366)	4~22.5	-	-	-	-	30	10	10	8	-					

Caution CAUTION

Precautions for Use

- Pressure tanks featured in this catalog are not classified as first-class or second-class pressure vessels.
- Please use in the operational conditions above. When applying pressure, use pressure gauge, relief valve and safety regulator for your safety.
- When the internal pressure is high, never loosen clamps etc. which tighten lid and nozzle.
- Never use as a container to generate vapor by steaming, heating or as a result of chemical reaction.

Caution CAUTION

Operating Instruction

1.)O-ring is used in the lid of this product. When closing the lid, please make sure the O-ring is securely fit into the groove on tank.
2.)Tighten the clamp by hand, then secure with a wrench the extra half revolution or so.
3.)Maximum operating pressure of the tank is 0.5Mpa or less. Do not operate beyond the maximum pressure. The combination use of pressure relief valves are recommended when using tanks in compression mode.
4.)When loosening clamps, be sure to release the internal pressure by a relief valve etc. into the ambient condition. Also, confirm that the pressure gauge (regulator) indicates ambient pressure.