

## TANKS

Round steel tanks from **0,7 to 2,4 l**, for horizontal and vertical mounting



Square plastic tanks, from **1 to 3,5 l**, for horizontal and vertical mounting. Thanks to the special shape can be screwed to the body with automatic screw driver



Round plastic tanks from **0,4 to 1,2 l**, for horizontal and vertical mounting



### Better plastic or steel tanks?

Plastic tanks have several advantages. Among them: they do not corrode, the oil level is visible, they do not damage if they get bumped,... On the other hand steel tanks are to be preferred in case of ultra high or ultra low temperatures or when exposed to direct sunlight.

### Is it possible to design and make custom made tanks?

Yes. We can provide an adaptor flange (F80000012) which can be welded on custom made steel tanks, by the customer.

### How do I order spare tanks?

Tanks can be ordered without accessories just by adding a J in front of the relevant code (ex. JE50404006 instead of E50404006). When ordered with the normal code (ex. E50404006) all relevant accessories are included (plugs, filler breather, fixing devices,... depending on the kind of tank).

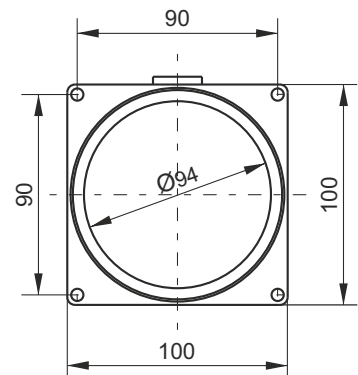
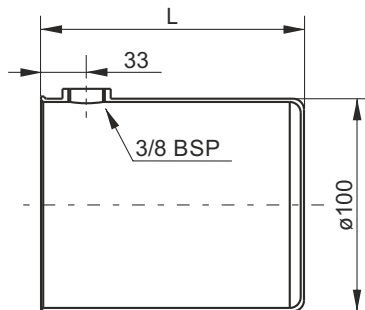
Tanks specified in assembly code (ex. 2,4HV) always include all relevant accessories.

## SECTION E

## ROUND STEEL TANKS F &amp; H SERIES



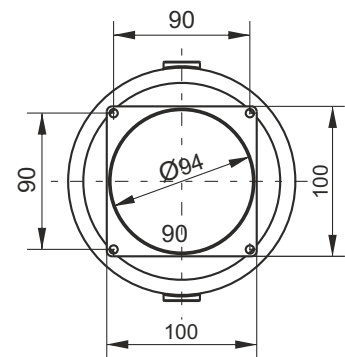
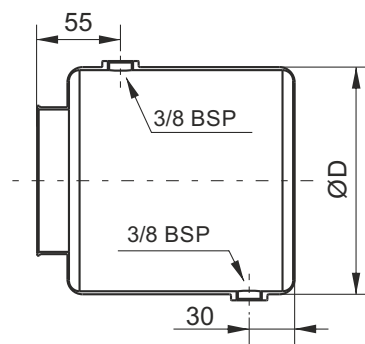
Recommended tightening torque for 3/8" BSPP: 10 Nm



| Description                                      | Spare part code  | Assembly code       | L (mm) | Weight  | Actual filling volume (lt) |          |
|--------------------------------------------------|------------------|---------------------|--------|---------|----------------------------|----------|
|                                                  |                  |                     |        |         | Horizontal                 | Vertical |
| 0,7 l cylindrical horizontal / vertical mounting | <b>E50403001</b> | <b>0,7F / 0,7FV</b> | 120    | 0,26 Kg | 0,75                       | 0,52     |
| 1,2 l cylindrical horizontal / vertical mounting | <b>E50403002</b> | <b>1,2F / 1,2FV</b> | 186    | 0,38 Kg | 1,1                        | 0,9      |



Recommended tightening torque for 3/8" BSPP: 10 Nm



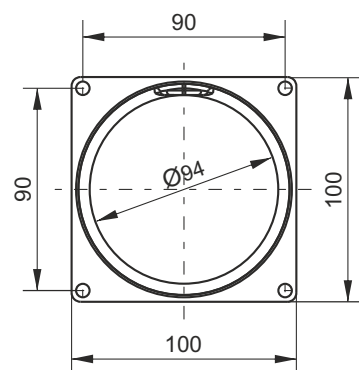
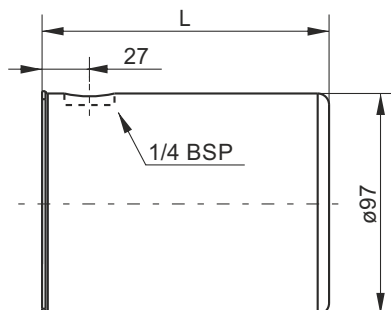
| Description                                      | Spare part code  | Assembly code       | L (mm) | ØD (mm) | Weight  | Actual filling volume (lt) |       |
|--------------------------------------------------|------------------|---------------------|--------|---------|---------|----------------------------|-------|
|                                                  |                  |                     |        |         |         | Horizon.                   | Vert. |
| 1,7 l cylindrical horizontal / vertical mounting | <b>E50404004</b> | <b>1,7H / 1,7HV</b> | 170    | 120     | 0,64 Kg | 1,5                        | 1,2   |
| 2,4 l cylindrical horizontal / vertical mounting | <b>E50404006</b> | <b>2,4H / 2,4HV</b> | 170    | 150     | 0,8 Kg  | 2,4                        | 1,8   |

|                            |                                             |
|----------------------------|---------------------------------------------|
| <b>Material</b>            | Fe P04-EN10130 steel sheet 1,5 mm thickness |
| <b>Fluid</b>               | Mineral based oil ISO/DIN 6743/4            |
| <b>Working temperature</b> | -15 / +70°C                                 |

Note: the piping kit, standard suction filter, filler/breather and discharge plug are included when specifying the tank in PPM assembly code

When ordering spare parts, only the discharge plug and filler/breather are included

## ROUND PLASTIC TANKS R SERIES



| Description                                | Spare part code  | Assembly code       | L (mm) | Weight  | Actual filling volume (lt) |          |
|--------------------------------------------|------------------|---------------------|--------|---------|----------------------------|----------|
|                                            |                  |                     |        |         | Horizontal                 | Vertical |
| 0,4 l round horizontal / vertical mounting | <b>H50403001</b> | <b>0,4R / 0,4RV</b> | 90     | 0,07 Kg | 0,45                       | 0,35     |
| 0,7 l round horizontal / vertical mounting | <b>H50403002</b> | <b>0,7R / 0,7RV</b> | 124    | 0,09 Kg | 0,75                       | 0,62     |
| 1,2 l round horizontal / vertical mounting | <b>H50403003</b> | <b>1,2R / 1,2RV</b> | 186    | 0,14 Kg | 1,17                       | 1,05     |

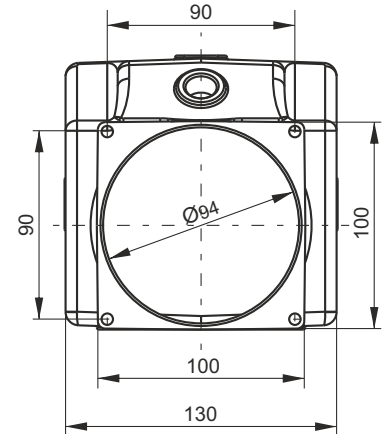
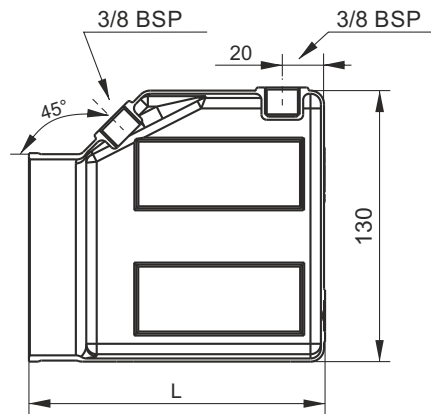
|                            |                                                                      |
|----------------------------|----------------------------------------------------------------------|
| <b>Material</b>            | PE-HD neutral / transparent color (DO NOT EXPOSE TO DIRECT SUNLIGHT) |
| <b>Fluid</b>               | Mineral based oil ISO/DIN 6743/4                                     |
| <b>Working temperature</b> | -15 / +70°C                                                          |

Note: the piping kit, standard suction filter, filler/breather and discharge plug are included when specifying the tank in PPM assembly code

When ordering spare parts, only the discharge plug and filler/breather are included

## SECTION E

## SQUARE PLASTIC TANKS T SERIES



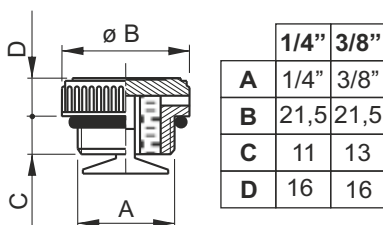
| Description                                 | Spare part code  | Assembly code       | L (mm) | Weight  | Actual filling volume (lt) |          |
|---------------------------------------------|------------------|---------------------|--------|---------|----------------------------|----------|
|                                             |                  |                     |        |         | Horizontal                 | Vertical |
| 1 l square horizontal / vertical mounting   | <b>H50403005</b> | <b>1T / 1TV</b>     | 125    | 0,23 Kg | 1,0                        | 0,8      |
| 1,5 l square horizontal / vertical mounting | <b>H50403007</b> | <b>1,5T / 1,5TV</b> | 150    | 0,24 Kg | 1,4                        | 1,2      |
| 2 l square horizontal / vertical mounting   | <b>H50403009</b> | <b>2T / 2TV</b>     | 211    | 0,34 Kg | 2,2                        | 2,0      |
| 2,7 l square horizontal / vertical mounting | <b>H50403011</b> | <b>2,7T / 2,7TV</b> | 261    | 0,40 Kg | 2,7                        | 2,7      |
| 3,5 l square horizontal / vertical mounting | <b>H50403013</b> | <b>3,5T / 3,5TV</b> | 326    | 0,49 Kg | 3,7                        | 3,9      |

|                            |                                                                      |
|----------------------------|----------------------------------------------------------------------|
| <b>Material</b>            | PE-HD neutral / transparent color (DO NOT EXPOSE TO DIRECT SUNLIGHT) |
| <b>Fluid</b>               | Mineral based oil ISO/DIN 6743/4                                     |
| <b>Working temperature</b> | -15 / +70°C                                                          |

Note: the piping kit, standard suction filter, filler/breather and discharge plug are included when specifying the tank in PPM assembly code

When ordering spare parts, only the discharge plug and filler/breather are included

## TANK ACCESSORIES

Knurled filler breather with vane  
1/4" - 3/8" BSP

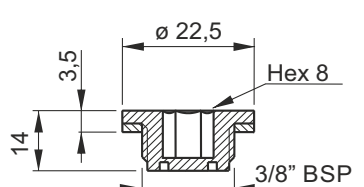
Weight: 0,01 Kg

Suitable for R type tanks (1/4" BSPP)  
Suitable for F/H/T type tanks (3/8" BSPP)

Spare part code

C75100001 (1/4 BSPP)  
C75100002 (3/8 BSPP)

## Drain plug



Weight: 0,01 Kg

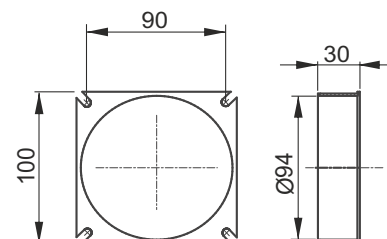
Suitable for F/H/T type tanks



Spare part code

TCNB0702

## Bare steel tank adapter

Unpainted, to be welded on custom  
made tanks

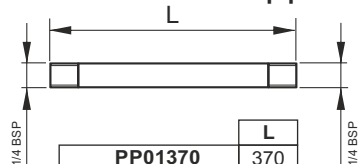
Weight: 0,12 Kg



Spare part code

F80000012

## 1/4" suction/return pipe

Recommended as suction pipe for  
PMC02 hand pumps and as return  
pipe with C3420001 return filter.

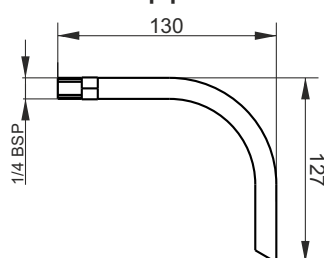
Weight: 0,04 Kg



Spare part code

PP01370

## 90° Plastic pipe for return line



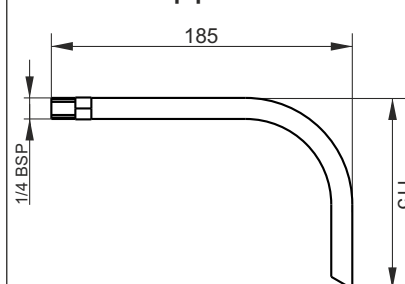
Weight: 0,02 Kg



Spare part code

PP01E130127

## 90° Plastic pipe for return line



Weight: 0,02 Kg

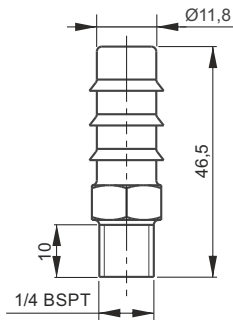


Spare part code

PP01E185115

## SECTION E

## TANK ACCESSORIES

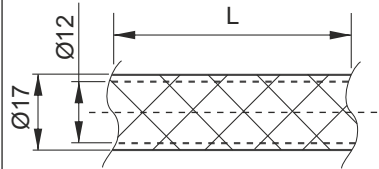
**Flexible plastic pipe holder  
for return line 1/4" BSPT**

Weight: 0,01 Kg



Spare part code

TR0112

**Flexible plastic pipe**

Recommended as standard return pipe.  
To be fixed with TR01-12 and cut to  
correct length. To be ordered in meters.

Weight: 0,18 Kg/meter

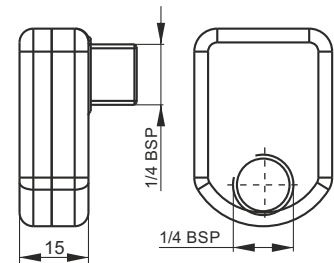


Spare part code

SF12

**Micro inlet filter**

Filtration degree: 90 micron



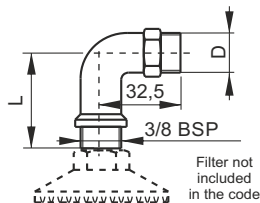
Recommended for pumps gr. 0

Weight: 0,01 Kg



Spare part code

C34100100

**90° elbow for suction pipe  
M 1/4" & 3/8" BSPT - M 3/8" BSP**

|         | L  | D        |
|---------|----|----------|
| PP01E40 | 40 | 1/4 BSPT |
| PP01E77 | 77 | 1/4 BSPT |
| PP02E40 | 40 | 3/8 BSPT |
| PP02E77 | 77 | 3/8 BSPT |

Recommended for horizontal tanks

Weight: 0,01 Kg

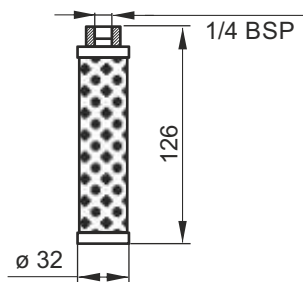


Spare part code

PP0\*E\*\*

**In-tank return filter**

Filtration degree: 90 micron



Suitable for all tanks over 3l

Weight: 0,09 Kg

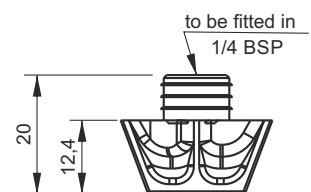


Spare part code

C34200001

**Relief valve diffuser**

To be mounted in cavity Tr



It reduces foam and noise when  
relief valve is working.  
Recommended for all vertical  
mounted tanks.

Weight: 0,01 Kg

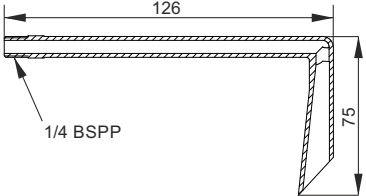


Spare part code

SFEP01D

**TANK ACCESSORIES**

**Plastic pipe 90 degrees elbow  
1/4 BSPP**

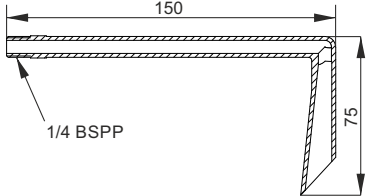


Weight: 0,02 Kg



|                        |
|------------------------|
| <b>Spare part code</b> |
| <b>TADPH00001</b>      |

**Plastic pipe 90 degrees elbow  
1/4 BSPP**

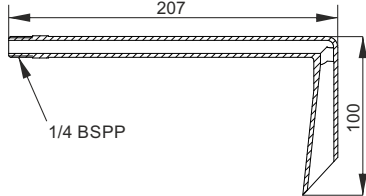


Weight: 0,02 Kg



|                        |
|------------------------|
| <b>Spare part code</b> |
| <b>TADPH00002</b>      |

**Plastic pipe 90 degrees elbow  
1/4 BSPP**



Weight: 0,03 Kg



|                        |
|------------------------|
| <b>Spare part code</b> |
| <b>TADPH00003</b>      |