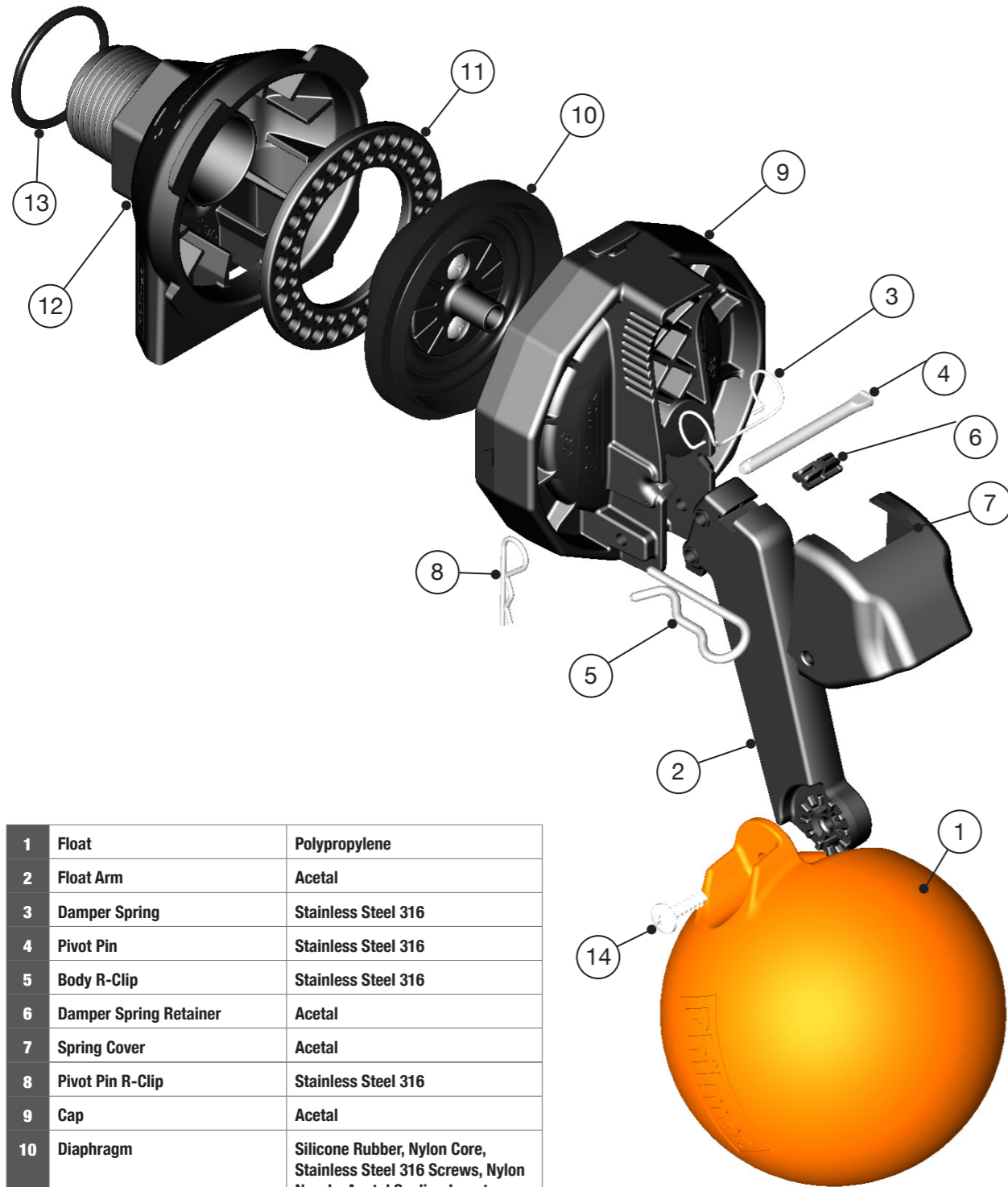


# OPTI PHIL PARTS & MATERIALS



1	Float	Polypropylene
2	Float Arm	Acetal
3	Damper Spring	Stainless Steel 316
4	Pivot Pin	Stainless Steel 316
5	Body R-Clip	Stainless Steel 316
6	Damper Spring Retainer	Acetal
7	Spring Cover	Acetal
8	Pivot Pin R-Clip	Stainless Steel 316
9	Cap	Acetal
10	Diaphragm	Silicone Rubber, Nylon Core, Stainless Steel 316 Screws, Nylon Nozzle, Acetal Sealing Insert
11	Diaphragm Support	Acetal
12	Body	Acetal
13	O-Ring	Nitrile Rubber
14	Screw	Stainless Steel 316

# OPTI PHIL CHEMICAL RESISTANCE

Chemical	Suitable	Not Recommended
Fresh Water	x	
Sea Water	x	
Brine	x	
Chlorine Water (5-10 ppm)		x
Acetic Acid (10%)		x
Acetic Acid (50%)		x
Alcohol (ethanol)	x	
Ethyl Alcohol (ethanol)	x	
Ammonium Nitrate		x
Calcium Carbonate	x	
Calcium Chloride		x
Calcium Nitrate		x
Calcium Sulphate		x
Citric Acid	x	
Copper Sulphate >5%		x
Silicone Oil	x	
Diesel (fuel)		x
Petrol		x
Kerosene		x
Fuel Oil (Diesel)		x
Fuel Oil		x
Turbine Oil		x
Hydraulic Oil (Petro)	x	
Hydraulic Oil (Synthetic)	x	
Mineral Oil	x	
Hydrochloric Acid (10%)		x
Hydrochloric Acid (30%)		x
Magnesium Nitrate	x	
Magnesium Sulphate	x	
Nitric Acid (10%)		x
Nitric Acid (40%)		x
Phosphoric Acid (85%)		x
Potassium Chloride	x	
Potassium Nitrate	x	
Potassium Sulphate	x	
Sodium Bicarbonate	x	
Sodium Hypochlorite (<10%)		x
Sulphuric Acid (10%)		x
Sulphuric Acid (30%)		x
Urea	x	
Zinc Nitrate	x	
Zinc Sulphate	x	

\* The OptiPHIL Float valve is intended for use in agricultural stock watering and other water applications. The advice provided above is general in nature only and not intended to replace specific chemical guidance. Philmac makes every endeavour to ensure the accuracy of its information. For any specific questions or chemical advice, please contact Philmac.