

Sprayer glossary

Tank		Plastic tank	Tank made of high-quality polyethylene. Especially resistant to acids and bases.
		Steel tank	Steel tank with anti-corrosive coating. Especially robust and durable. Not suitable for aggressive liquids.
		Stainless steel tank	Tank made of high-quality, stainless steel. Especially robust and durable.
Safety		Pressure gauges	Measuring device to record and indicate the physical pressure of a medium (liquid, gas) in the tank and the spray line.
		Safety valves	Safety valves protect pressurized tanks against unauthorized excessive pressure which may damage the device. Safety valves relieve the pressure by discharging gases into the atmosphere.
		Constant Flow Valve (CFV)	Provides for steady consistent pressure and guarantees even and economic application.
Materials		NBR = Nitrile-rubber	NBR is made of synthetic rubber. Its high elasticity makes it suitable for the production of seals and O-rings. It is highly resistant to oils, greases and hydrocarbons and has a favorable aging behavior as well as low wear.
		FPM = Fluoro-rubber	FPM is made of synthetic rubber. Its high elasticity makes it suitable for the production of seals and O-rings. It is highly resistant to hydrocarbons, oils, strong acids, aromatic and chlorinated solvents and has a high temperature resistance.
		EPDM = Ethylen-Propylen-Dien-rubber	EPDM is a terpolymer elastomer (rubber). Its high elasticity makes it suitable for the production of seals and O-rings. It is resistant to solvents and is considerably resistant to bases. In general not suitable for hydrocarbon-based oils and fuels.
		PA = Polyamides	Polyamides are polymers and significant for their high strength, rigidity and durability. They are highly resistant to chemicals and are easy to process.
		PE = Polyethylene	Polyethylenes are polymers and significant for their high strength, rigidity, durability and breaking elongation. They are resistant to almost all polar solvents, acids, bases, water, alcohols, oils. PE-HD also gasoline.
		PP = Polypropylene	Polypropylenes are polymers and are significant for their higher rigidity, hardness and strength than polyethylene but lower than polyamide. They are resistant to almost all organic solvents and greases as well as to most acids and bases.
	Standards		CE mark (Conformité Européenne)
		TÜV-GS Intertek-GS	The GS mark certifies that a product complies with the requirements of the Equipment and Product Safety Act (GPSG) specified e.g. in safety regulations of the employers' liability insurance associations, DIN and EN standards or other generally acknowledged rules of technology.

Requirements for the use of sprayers

◆ Maximum working temperature (liquid temperature):

Plastic devices 30 °C or 40 °C,
Devices with metal tank 50 °C

◆ not suitable for flammable liquids

◆ Viscosity of liquids:

Up to approximately 1.5 times more viscous than water. Where larger drops and a reduced spray angle of the nozzle are acceptable, the viscosity may also be considerably higher.



Viscosity testing device

Safety information

Use of inappropriate substances may result in serious injuries and environmental damage. Always heed the information in the section "Usage" in the operating manual as well as the information provided by the supplier of the substance to be sprayed.

Send us a safety data sheet (MSDS) of the product you want to use and we will recommend the right sprayer for you.