

Stainless steel pumps - especially suitable for flammable media like gasoline and solvents

With the seal-less pump tubes in Stainless Steel and a pump tube diameter of 41 mm combustible and flammable media, that have a flash point of less than 55 ° C, can be pumped.

Pump tubes in Stainless Steel

Temperature range according to the ex-certification, outside from the hazardous areas 90 or 120° (with SS rotor). Especially suitable for flammables up to temperature class-4 and for use in ex-zone 0*

With SS pump tubes mostly all neutral, lightly aggressive, thin fluid food materials and especially flammable media like solvents or fuel or thinner can be pumped.

Examples of media:

Acetone, alcohol, ammonia, gasoline, flammable solvents and nitrocellulose lacquers, Perchloroethylene, trichloroethylene, toluene, potassium hydroxide, sodium hydroxide, phosphoric acid up to 60%, sulphuric acid up to 7.5% and from 96%. Also suitable for fruit juices, milk, edible oils and all media mentioned at Aluminum pump tubes.

Shaft in Stainless Steel 1.4571

Hose connection 1" and wall hanger are included in price (also 3/4" or 5/4" are available)

Type Examination Certificate Number
ZELM 09 ATEX 0424X

For pumping flammable media these conductive Stainless Steel pump tubes can only be used in combination with the electric explosion proof motor JP-400 or with the ATEX proof air driven motors JP-AIR 1, JP-AIR 2 (silver) and JP-AIR 3. Furthermore it is absolutely necessary that a potential equalisation is made. For this purpose you can order from us a potential equalizing cable set consisting of 4 copper cables with clamps.

