



ZIPSON VALVE offer a particular option for valve application, that is Valve With Coating.

FUNCTION

Valves with coating is mainly for anti-sticky. The coating will strongly adhere to the surface of the parts we coated. Valve body, end caps, ball stem are the parts usually with the service. This will simplify the work to clean the valves just with water flush. And the ports will not stick the media even glue. The coating parts is good looking for the valve installed outside. The 40-70um thickness is much thin than normal painting, and will not come off for years. The PTFE coating will have permeation, it can elongate the life-time of corrosion but do not stop it. Lining with at least 3mm thickness PTFE is the best way to prevent from corrosion (with pin hole examination).

VALVE CHOICE

The valve with PFA/ PTFE coating can be performed in all Zipson's product range. Even for the project of casting & machining are available.

COST

Coating will ask some cost, but it is worthy if you do not want to clean the internal & external valve all the time.



MATERIAL	FUNCTION	THICKNESS	COLOR	TEMPERATURE
PFA	good looking; anti-sticky; anti-acid/alkali (still permeate)	40 μ ~70 μ m	brown/ black/ gray/ golden	250° C
PTFE	good looking; anti-sticky; anti-acid/alkali (still permeate)	40 μ ~50 μ m	brown/ black	150° C