

Mechanical packing for valves and pumps

Mechanical packing for pumps



MC101

MC250

MC101 flexible graphite mechanical packing is designed for sealing shafts of high speed centrifugal pumps, with minimal leakage for cooling. MC101 packing can also be used for sealing valve stems but for lower pressure applications. Applications: water, hydrocarbons, lubricating oil, thermal oil, organic solvents, other fluids, steam.

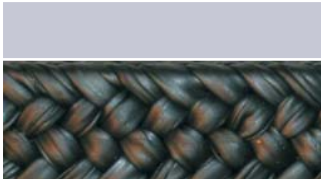
MC250 carbon yarn packing is designed for sealing shafts of centrifugal pumps pumping hot water, light and heavy hydrocarbons. It is recommended to be used together with MC101 or MC105.

Technical data

t, °C = up to + 650 (steam)
up to 450 for "HC"
pH = 0 -14
V, m/s = up to 15
P, bar = до 80

Technical data

t, °C = up to + 300
pH = 2 -12
V, m/s = up to 15
P, bar = до 40



MC510/510A



MC105

The MC510 packing is braided of graphite treated PTFE fiber. MC510 is universal packing used to seal stuffing boxes of pumps operated in acids, alkali, salt solutions, and many other fluids. MC510 is made of micro fiber PTFE.

The MC105 mechanical packing is made of high-quality braided flexible graphite fiber and treated with PTFE under a special thermochemical technology. The MC105 mechanical packing is designed to seal shafts of centrifugal and plunger pumps at temperatures up to 300°C.

Technical data

t, °C = up to + 260
pH = 0 -14
V, m/s = up to 18
P, bar = до 40

Technical data

t, °C = up to + 260
pH = 0 -14
V, m/s = up to 18
P, bar = до 80

Mechanical packing for pumps



MC131

MC500 / 500 A

The high quality MC131 inconel® wire reinforced flexible graphite packing is designed to seal stems of shut-off valves.

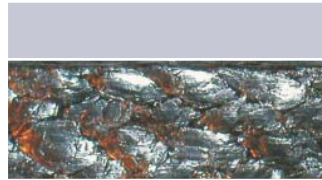
Mechanical packing MC500 is designed to seal shut-off and control valves, plunger and low-speed centrifugal pumps, mixers operated in chemically aggressive fluids, solvents and steam at temperatures up to 260°C, pH 0-14. Recommended for strong oxidizers.

Technical data

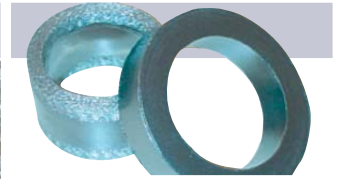
t, °C = up to + 650 (steam)
up to 450 for "HC"
pH = 0 -14
V, m/s = up to 15
P, bar = до 85

Technical data

t, °C = up to + 260
pH = 0 -14
V, m/s = up to 3
P, bar = до 150



MC133



MD100

The high-quality MC133 inconel® wire reinforced flexible graphite fiber packing is designed to seal stems of higher pressure shut-off valves.

Applications: mainly superheated and saturated steam, water, also hydrocarbons, hydrogen, ammonia, organic solvents, cryogenic fluids, other fluids.

The MD100 die formed graphite tape seal rings are designed to seal stems of shut-off and control valves.

Applications: superheated and saturated steam, water, hydrocarbons, hydrogen, ammonia, lubricating oil, thermal oil, organic solvents, cryogenic fluids, other fluids.

Technical data

t, °C = up to + 650 (steam)
up to 450 for "HC"
pH = 0 -14
V, m/s = up to 2
P, bar = до 250

Technical data

t, °C = up to + 650
pH = 0 -14
V, m/s = up to 2
P, bar = до 400