

SNG MP & S – flexible sliding tape made from reinforced PTFE

1. Structure

- MP** – PTFE with glass fiber and graphite, reinforced with metal fibers of tin bronze, stainless steel or aluminum,
- S** – PTFE with glass fiber and graphite, reinforced with stretched tin bronze, stainless steel or aluminum.

2. Characteristics

- maintenance free, self lubricating bearing material with low coefficient of friction,
- low stick-slip effect,
- high pv values in dry conditions,
- good formability,
- carries edge loads,
- compensates misalignments,
- reduces noise and vibrations,
- no water absorption,
- high wear resistance,
- thermally stable dimensions.

3. Applications

- hinges, tensioners, levers, shock absorbers, guiding elements, joints, expansions grooves, valves, pumps, mechanisms etc.

4. Availability

- to order: plates, cylindrical bushes, flanged bushes, deep-drawn bearings

Thickness [mm]	Fabric CuSn 6	Fabric 1.4401
0,48	•	•
0,78	•	•
0,98	•	

5. Technical parameters

Parameter			Unit	Value
Maximum load			MPa	100
Work temperature	maximum	constant	°C	+260
Coefficient of friction	dry		-	0,06 – 0,19

6. Assembly tips

Assemble with stepped shaft in housings with insertion chamfer.
 Bushes should be assembled with constant force, without twisting of the bush.

