

DML0059v2-av
1. Technical characteristics

Braided packings by PTFE graphite yarn, reinforced by aramid yarn and impregnated with a silicon oil lubricant this gives an opportunity to be used in conditions of very high pressure, especially in piston pumps. The packing has high density of the section and strong structure and also high resistance to dissection and of wearing out.

2. Dimensions

	Specific unit	Nominal value
Size	mm	□ 3 až 25

3. Mechanical properties

	Specific unit	Nominal value	
Min. operating temperature	°C	- 150	
Max. operating temperature	°C	+ 280	
Max. operating pressure	bar	valve	250
		piston	250
		rotary	30
Max. velocity	m.s ⁻¹	piston	5
		rotary	25
Density	g.cm ⁻³	1,6	
Chemical resistance	pH	1 – 13	

4. General resistance table

good	medium
abrasive slurrie	amine, nitrile
weak acid	concentrated acid
neutral solution	acidis gas
mineral oil	volatile hydrocarbon
steam	hydrogen
inert gas	
food	
solvent	
water	
bitumen	

5. Applications

Suitable for sealing installation and equipment in the chemical, pharmaceutical, oil refining and food processing industries, in the chemical departments of the power supplying industry, metalurgy, papermills, slurries.