

**DML0076v2-av**
**1. Technical characteristics**

Braided packing made of pure expanded graphite yarn, edges are reinforced with carbon fibres.

**2. Dimensions**

	Specific unit	Nominal value
Size	mm	□ 3 až 30

**3. Mechanical properties**

	Specific unit	Nominal value	
Min. operating temperature	°C	- 240	
Max. operating temperature	°C	+650	
Max. operating pressure	bar	valve	400
		piston	50
		rotary	30
Max. velocity	m.s <sup>-1</sup>	piston	40
		rotary	40
Density	g.cm <sup>-3</sup>	1,1-1,3	
Chemical resistance	pH	1 – 14	

**4. General resistance table**

<b>good</b>	<b>medium</b>
amine, nitrile	abrasive slurrie
weak acid	strong acid and alkalis
neutral solution	bitumen
mineral and synthetic oil	
steam	
inert gas	
acid gas	
solvent	
volatile hydrocarbon	
water	
hydrogen	
weak alkalis	

**5. Applications**

Packing are especially used for sealing of pumps, mixers, valves and sliders in chemical aggressive environment in chemical, petrochemical, power and heat stations.