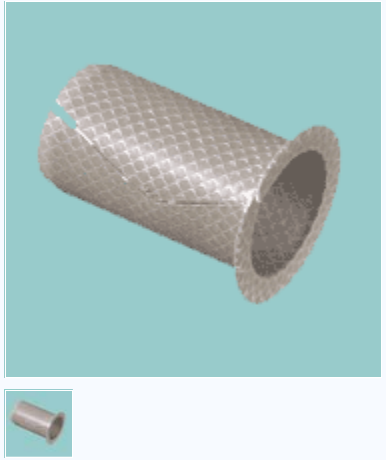



Characteristics	Applications	DM™
<ul style="list-style-type: none"> Suitable for oscillating, reciprocating and rotating movements High wear resistance No water absorption Good formability, suitable for spherical bearings, flanged bushes, etc. Bush ID can be calibrated to control assembled clearance Corrosion-resistant Easy assembly and ready to run Low coefficient of friction 	<p>Automotive</p> <ul style="list-style-type: none"> Door hinge bushes boot, tailgate and bonnet hinge bushes cabriolet roof-linkage bushes belt tensioners special shapes <p>Industrial</p> <ul style="list-style-type: none"> Light duty linkages and pivots intermediate bearing to accommodate lateral expansion and prevent fretting corrosion low friction bearing pads 	

Composition & Structure	Operating Conditions		Availability
Aluminium mesh + PTFE + Pb + glass fibre	dry	good	<p>Ex Stock</p> <ul style="list-style-type: none"> N/A <p>To order</p> <ul style="list-style-type: none"> Cylindrical and flanged bushes thrust washers spherical cups strip and special components to customer's drawing
	oiled	good	
	greased	fair	
	water	fair	
	process fluid	fair	

Bearing Properties	Unit	Value	Microsection	
Dry				
Maximum sliding speed U	m/s	1.0	 <p>Aluminium mesh + PTFE + Pb + glass fibre</p>	
Maximum PU factor	N/mm ² * m/s = W/mm ²	1.6		
Coefficient of friction f	–	0.14		
Oil lubrication				
Maximum sliding speed U	m/s	-		
Maximum PU factor	N/mm ² * m/s = W/mm ²	-		
Coefficient of friction f	–	-		
General				
Maximum temperature T _{max}	°C	+250		
Minimum temperature T _{min}	°C	-60		
Maximum load P static	N/mm ²	65		
Maximum load P dynamic	N/mm ²	40		
Shaft surface finish Ra	µm	0.8		
Shaft hardness	HB	>200		
Shaft hardness for longer service life	HB	>350		