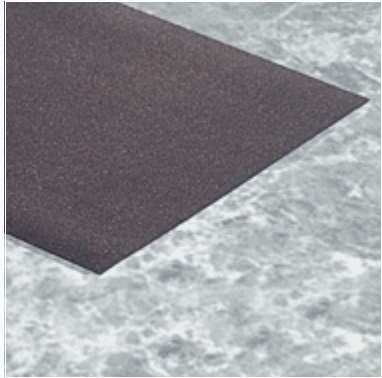

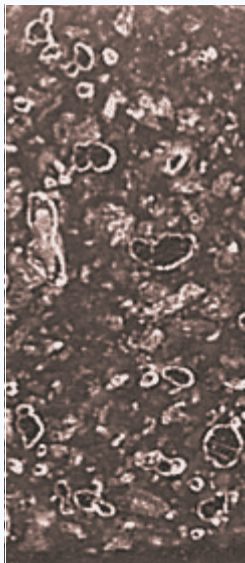


Characteristics	Applications	Multifil™
<ul style="list-style-type: none"> Superior sliding bearing material which can be easily bonded to any clean, rigid substrate 	Industrial <ul style="list-style-type: none"> Machine tool ways gibs and other sliding applications 	 

Composition & Structure	Operating Conditions	Availability
PTFE + Proprietary filler system	dry	very good
	oiled	very good
	greased	very good
	water	good
	process fluid	good
		Ex Stock <ul style="list-style-type: none"> Tapes of 0.015 - 0.125 thickness by 12 inches width To order <ul style="list-style-type: none"> N/A

Bearing Properties	Unit	Value	Microsection
Dry			 filled with PTFE
Maximum sliding speed U	m/s	2.5	
Maximum PU factor	N/mm ² * m/s = W/mm ²	0.32	
Coefficient of friction f	-	1.25	
Oil lubrication			
Maximum sliding speed U	m/s	-	
Maximum PU factor	N/mm ² * m/s = W/mm ²	1.25	
Coefficient of friction f	-	0.05	
General			
Maximum temperature T _{max}	°C	+280	
Minimum temperature T _{min}	°C	-200	
Maximum load P static	N/mm ²	70	
Maximum load P dynamic	N/mm ²	35	
Shaft surface finish Ra	µm	0.2-0.4	
Shaft hardness	HB	>200	
Shaft hardness for longer service life	HB	-	