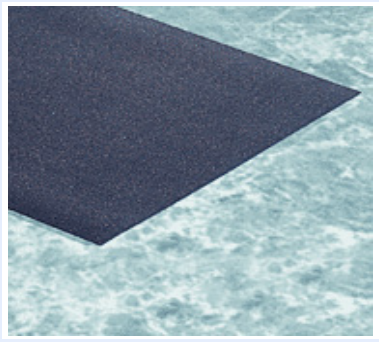
Multifil™ Tape Bearing Material

GGB BEARING TECHNOLOGY

an EnPro Industries company

Multifil™ Tape Bearing Material



Characteristics

- Vibration-reducing
- Superior sliding bearing material which can be easily bonded to any clean, rigid substrate

Applications

Industrial
Machine tool ways, gibs and other sliding applications

Composition & Structure

PTFE + Proprietary filler system

Operating Conditions

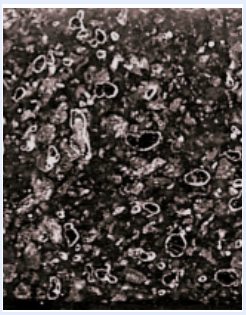
dry	very good
oiled	very good
greased	very good
water	good
process fluid	good

Availability

Ex Stock
- Tape with 0.38 to 3.2 mm thickness and 305 mm width

To order
- N/A

Microsection



Filled with PTFE

Bearing Properties

	Unit	Value
Dry		
Maximum sliding speed v	m/s	2.5
Maximum pv factor	MPa x m/s	0.32
Coefficient of friction f	–	0.07
Oil / Grease lubrication		
Maximum sliding speed v	m/s	-
Maximum pv factor	MPa x m/s	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	MPa	70
Maximum load p dynamic	MPa	35
Shaft surface finish R_a	µm	0.2-0.4
Shaft hardness - normal	HB	>200