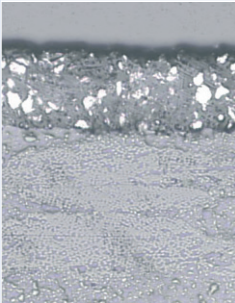


MEGALIFE [®] XT Bearing Material	Characteristics	Applications
 	<ul style="list-style-type: none"> • Excellent shock resistance • High load capacity • Excellent misalignment resistance • Excellent contamination resistance • Good surface speed capability • Very good friction and wear properties • Good chemical resistance 	<p>Industrial</p> <p>Pulley spacers, gear spacers, aerial lifts, fork lift masts, king pins, steering links, lift gates, cranes, backhoes, valve actuator linkages, etc.</p>

Composition & Structure	Operating Conditions		Availability
<p>Sliding Layer Proprietary filled PTFE tape liner on both sides</p> <p>Core Continuously woven layer of filament glass fibre encapsulated in a high temperature epoxy resin</p>	<p>dry</p> <p>oiled</p> <p>greased</p> <p>water</p> <p>process fluid</p>	<p>very good</p> <p>fair</p> <p>poor</p> <p>very good</p> <p>fair</p>	<p>Ex Stock</p> <ul style="list-style-type: none"> • N/A <p>To order</p> <ul style="list-style-type: none"> • Thrust washers, standard dimensions from 12 x 24 mm to 75 x 115 mm and wall thicknesses 1,5 - 2,0 - 3,0 mm. • Other dimensions available on request, please contact your local GGB representative

Microsection	Bearing Properties	Unit	Value
 <p>Sliding layer</p> <p>Core</p>	<p>Dry</p> <p>Maximum sliding speed v</p> <p>Maximum pv factor</p> <p>Coefficient of friction f</p> <p>Grease lubrication</p> <p>Maximum sliding speed v</p> <p>Maximum pv factor</p> <p>Coefficient of friction f</p> <p>General</p> <p>Maximum temperature T_{max}</p> <p>Minimum temperature T_{min}</p> <p>Maximum load p static</p> <p>Maximum load p dynamic</p> <p>Shaft surface finish R_a *</p> <p>Shaft hardness - normal</p>	<p>m/s</p> <p>MPa x m/s</p> <p>–</p> <p>m/s</p> <p>MPa x m/s</p> <p>–</p> <p>°C</p> <p>°C</p> <p>MPa</p> <p>MPa</p> <p>µm</p> <p>HB</p>	<p>0.50</p> <p>1.23</p> <p>0.02-0.12</p> <p>-</p> <p>-</p> <p>-</p> <p>+175</p> <p>-195</p> <p>140</p> <p>140</p> <p>0.4</p> <p>>200</p>

* Alternative shaft hardnesses and shaft surface finish is possible, depending on the application. Please contact your local GGB representative.