

SPECIFICATION SHEET FOR DURAFLEX® AND MAXIFLEX® DIVING BOARDS

The diving board shall be a Duraflex®, Maxiflex® or Maxiflex Model “B”® Catalog # 66-231-__ __ aluminum extrusion type springboard. The diving board shall be __ feet long and 19 5/8 inches wide. It shall be constructed of a basic ribbed one-piece extrusion, heat-treated for a minimum yield strength of 50,000 psi of aluminum alloy #6070-T6. It shall have a torsion box extrusion, anchor end cap extrusion, and tip end cap extrusion riveted to the basic section. After machine tapering and assembly, the board shall be etched, followed by chromic conversion coating. It is then completely coated in aqua colored thermal curing epoxy resin. The top surface is to be finished with three coats combined with a mixture of sand and white aluminum oxide to effect the non-skid surface. The anchor bolts are to be 5/8-inch diameter. The underside of the extrusion in the fulcrum area will be protected with a specially formed rubber channel attached to the diving board with epoxy adhesive.

The Maxiflex® is manufactured in 16-ft. lengths only. Materials and construction are identical to the regular 16-ft. Duraflex®, except for the addition of a double taper, plus two extrusions at the bolt attachment points. Whereas the regular Duraflex® has a machine taper from the tip to the fulcrum, the Maxiflex® is also machine tapered from fulcrum to anchor.

The Maxiflex Model “B”® materials and construction are identical to the regular 16 ft. Maxiflex®, except for the addition of perforations. There are approximately 200 perforations measuring approximately 1 ½ inches long and ¼ inch wide, extending 21 inches back from the tip end of the diving board.

<u>CATALOG NUMBER</u>	<u>LENGTH</u>	<u>“A”**</u>	<u>THICKNESS</u>	<u>SHIPPING</u>	
				<u>BOLT SIZE</u>	<u>WEIGHT</u>
<i>DURAFLEX® BOARDS</i>					
66-231-324	14'	63 ¼"	2 1/16"	5/8" diameter	140 lbs.
66-231-326	16'	78"	2 1/16"	5/8" diameter	165 lbs.
<i>MAXIFLEX® BOARDS</i>					
66-231-328	16'	73"	2"	5/8" diameter	160 lbs.
66-231-330	16'	73"	2"	5/8" diameter	160 lbs.

** Letter “A” refers to the distance from the centerline at the back end of the diving board (where the bolts attach the diving board to the diving stand) to the mid-point of the fulcrum adjustment area.