

ALUMINIUM BRONZE BUSHING

C95210/C95810

(AB1/AB2)

RELATIVE SPECIFICATIONS:

Australia	AS 1565-1998- C95210/C95810
Great Britain	BS 1490 AB1/AB2
U.S.A.	ASTM 952/SAE 68A/68B

DESCRIPTION:

Aluminium bronzes exhibits good general corrosive resistance and find considerable applications in both hydrochloric, and sulfuric acid steel pickling and metal treatment processes and food processing plants. Whilst they do not possess ideal bearing qualities, they are readily used for marine environment applications.

APPLICATIONS:

Pump impellers, valves & underwater fittings. They can handle high velocities and properties remain strong in elevated temperatures.

CHEMICAL ANALYSIS:

Grades	Copper	Lead	Iron	Tin	Zinc	Aluminium	Silicon	*Nickel	Manganese
95210 Min	86		2.5			8.5			
Max		0.05	4.00	0.10	0.50	9.5	2.5	1.0	1.0
95810 Min	79		3.5			8.5		4.0	0.8
Max		0.05	4.5	0.10	0.50	9.6	0.10	5.0	1.5

MECHANICAL PROPERTIES:

Form of Casting	Yield 2% Proof stress Mpa Min.	Tensile Strength Mpa Min	Elongation L=5.65 Squared	Hardness HB Min
95210-SAND	170	450	20	90
95810-SAND	240	590	15	140

SIZE RANGE: Selected sizes available ex. Stock

COLOUR CODE: 95210 (Aluminium) 95810 (Aluminium/Red)

