



To our valued customers,

We hereby certify that to the best of our knowledge and belief that all lead-free import extra heavy brass fittings furnished by Merit Brass Company and manufactured by Siam Fittings Co., LTD are made from copper alloy C89833 in accordance with ASTM B584 with the following chemical analysis:

COPPER	87.00% – 91.00%
TIN	4.00% – 6.00%
LEAD	0.10% Max
ZINC	2.00% – 4.00%
NICKEL	1.00% Max
IRON	0.30% Max
ANTIMONY	0.25% Max
SULFUR	0.08% Max
PHOSPHORUS	0.05% Max
ALUMINUM	0.005% Max
SILICON	0.005% Max
BISMUTH	1.70% – 2.70%

Furthermore, the lead-free import extra heavy brass fittings manufactured by Siam Fittings conform to ASME B16.15 and ASME B1.20.1

Sincerely,
MERIT BRASS COMPANY

Josh Schnippel
Quality Engineering Manager

