

WATER CONNECTORS

KWIK-INS – CORRUGATED SOFT ANNEALED COPPER

Use:	Corrugated flexible copper connectors designed to connect the tub/shower valve to the water piping system in which copper or iron pipe is used. Available with various sweat and end fitting configurations for different installations.
Size:	Wall Thickness - .025" Minimum I.D. – .430" (in corrugation) Length – 15"
Operating Pressure:	125 psi maximum
Operating Temperature:	40 – 180°F
Pressure Drop: $\Delta P = \text{Pressure Drop}$ $\Delta P = \frac{\text{GPM}^2}{C_v^2}$	$C_v = 3.36$ Example: for 5 GPM $\Delta P = \frac{5^2}{3.36^2} = 2.2$ psi
Material Specifications:	Tube – C12200 copper tubing. Nuts and End Fittings – C36000 brass. Models with brazed end fittings or nuts use fusion brazing paste, (6.75% Phosphorous, 7.0% Tin, remainder Copper).
Compliant Product Material Verified for Low Lead and Plumbing Products Covers California and Vermont requirements	End fittings – C37000 brass
Designed and Manufactured In Accordance With:	Sweat Ends - ANSI/ASME B16.22 "Wrought Copper and Copper Alloy Solder Joint Pressure Fittings" Table 2 "Dimensions of Solder Joint Ends"
Approvals/Listings:	IAPMO File #0452 CSA Approved to AB1953 – Project #2174785

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800.29	Page 1 of 1	(C)