

BULK vs. TUBES

It takes **(65)** 250ml tubes to equal the same amount of glue as a 5-gallon pail



AVERAGE RETAIL PRICE

\$280.00

TOTAL "BULK" SAVINGS

\$1,475.00

AVERAGE RETAIL PRICE

\$27.00 x 65 = \$1,755.00

- 1-Pail Savings - \$1,475.00 (vs. 65 tubes)
- 2-Pail Savings - \$2,950.00 (vs. 130 tubes)
- 3-Pail Savings - \$4,425.00 (vs. 195 tubes)
- 4-Pail Savings - \$5,900.00 (vs. 260 tubes)
- 5-Pail Savings - \$7,375.00 (vs. 325 tubes)
- 6-Pail Savings - \$8,850.00 (vs. 390 tubes)
- 7-Pail Savings - \$10,325.00 (vs. 455 tubes)

...it adds up quickly!

How many tubes do you purchase monthly/annually?



- Not all dispensing guns are created equal. Dispensing guns vary in mechanical advantage (18:1, 24:1, etc.) 18:1 is the preferred mechanical advantage as higher mechanical advantage can produce internal cartridge pressures that can lead to pulsing and inconsistent ratio and mixing. The **COX DM2 M200-MR (18:1 MA)** dispensing gun is approved for use with FUSION 250ml cartridges. Use of non-approved dispensers can cause off-ratio mixing and may void any manufacturer warranty.
- Damaged, worn or malfunctioning dispensing guns can also cause improper or incomplete curing.
 - Pay close attention to plunger shafts and ratchet mechanisms.
 - Watch for broken teeth, adhesive build-up or play in dispensing mechanism.
 - Look for loose or bent plunger rods and misalignment of rod-end discs to cartridge pistons.
 - Ensure plunger rods are adjusted for equal length.
 - Be sure that dispenser body is not bent or twisted and adhesive build-up does not prevent proper alignment of cartridge and plungers.
- Consistent and smooth operator trigger technique and pressure is critical to ensure proper ratio, mix and even cure. Always apply smooth and even strokes of the trigger mechanism utilizing full strokes of the trigger. Do not stop and allow adhesive to drool out of the tip between strokes. Quickly release and begin next stroke until application is complete. A slow and steady squeeze of the trigger will maintain the lowest and most consistent pressure for proper dispensing.
- Cold adhesive can cause high pressure and improper dispensing. **FUSION 250ml cartridges do not require storage in a refrigerator. However, storage and use within a reasonable temperature range (60°F – 100°F) is necessary.** Cartridges, stored within recommended temperature parameters, should have a shelf life of 1-year. Certain adhesive components become thick at lower temperatures and may not mix well. If a cartridge requires re-warming, ensure that the original plug is installed. Leaving a used tip installed can allow back-flow of components resulting in a plugged cartridge. Never overheat cartridges as the hardener can be damaged at excessively high temperatures.
- Fabricating with cold slabs/sheets may cause improper and incomplete curing, particularly in areas of the joint with a lower than optimum hardener level in the mix. Cold substrates can rob the chemical reaction of necessary exotherm, creating a low strength bond. For best results, slabs, sheets and adhesive should be used within stated temperature range (60°F – 100°F)
- Surface preparation is important for proper bonding. Polished surfaces should not be bonded. If a polished surface is to be bonded, it must first be cleaned with acetone or IPA, abraded and then cleaned again with solvent. Always ensure that all solvent has flashed off prior to applying adhesive. Surface must be dust/dirt free, degreased by solvent wipe and completely dry before applying adhesive. Porous surfaces may require a longer time for drying before bonding.
- While application of a double-bead of adhesive is not necessary with FUSION 250ml cartridges, it can be used to reduce the effect of any ratio/mix issues discussed in these precautionary notes.