

## RODIFLEX™, EXTREME QUALITY SILLICONE ROLLERS

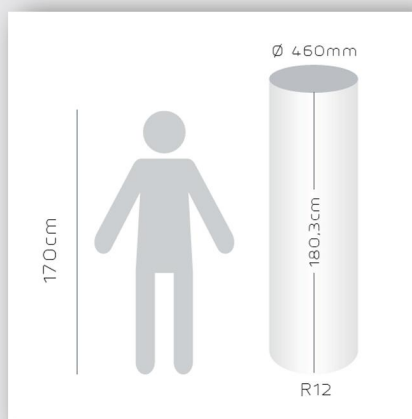
Rodiflex™ rollers are designed to print ceramic tiles with the gravure technique. These rollers are engraved with laser machines and can contain up to 3 engraving dimensions. People & Technology is a pioneer in the use of materials such as fiberglass and resins for the manufacture of roller cores, which provides many advantages over the rest of the commercialized rollers. They have a perfect cylindrical and are dimensionally stable, for life (never deform)

We develop two types of products: Production and Test

- PRODUCTION ROLLER: It is the definitive roller that is used in the massive production of tiles.
- TEST ROLLER: It is a roller for testing before moving to the Production roller.

*(the test roller is cheaper than the Production roller)*

WE OFFER THE LARGEST PRINT ROLLER IN THE MARKET



## TECHNICAL CHARACTERISTICS

- GREATER RESISTANCE of the outer silicone (engraving area) that increases the useful life of the roller, in percentages between 20% and 60%, depending on the type of engraving, tile and the way of printing.
- ROLLER CYLINDER. Thanks to our patented system, combining the use of fiberglass for the core of the roller and the manufacturing system of these cores by molding, we obtain a practically perfect roller. This means that dimensionally it does not have eccentricity, nor dents, nor deformations, that can reduce the quality of the printing.  
The rest of the rollers in the market use aluminum sheet, brazed and welded, to manufacture the core. This type of material is very easily deformed.  
In People&Tencology we test each manufactured roller and discard deviations greater than  $\pm 0.15$  mm.
- DIMENSIONAL STABILITY. The rollers remain dimensionally stable throughout their productive life. This is guaranteed by the fiberglass core, because although it is pressed hard on the tile, the roller will flex what is necessary, and then recover its original geometry. This does not happen with the aluminum core rollers, since once deformed, they can not recover their original geometry.
- ADAPTABILITY TO IRREGULAR SURFACES. The multilayer system composed of: silicone, silicone foam and fiberglass core, allows the roller to adapt widely to uneven surfaces of the tile, including the edge of the piece. It can even be used successfully, in tiles with soft reliefs.



## RECYCLABLES

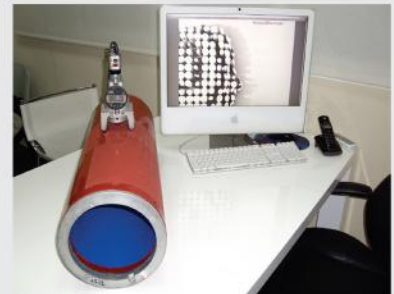
All our rollers are recyclable. This is a great advantage for the ceramic sector, since the accumulation of used rolls in the shelves of the factories is evident, which represents a problem of space and an expense in waste management.



INCISION ROLLER



QUALITY CONTROL OF ROLLER INCISION



QUALITY CONTROL OF ROLLER INCISION IN 3D