



ROLLERPRESS

— silicone sleeve engraved with laser for protective engobe application

To protect kiln rollers from clay and enamel residues that tend to stick during firing, a protective engobe is usually applied underneath the tiles before entering the kiln with distribution devices that generally use sleeves called SPINGUM.

Seedex presents the new ROLLERPRESS sleeve which can be used as an alternative to traditional SPINGUM sleeve.

SPINGUM sleeve is generally composed of a more or less rigid rubber or plastic mixture, rectified and with a smooth surface on the external side.

Unlike SPINGUM, ROLLERPRESS sleeve is entirely made of a special blend of soft silicone and is laser-engraved.

Laser engraving on the surface of ROLLERPRESS sleeves can be more or less deep and allow engobe to be applied uniformly, without smudging to ensure better protection of the kiln rollers and is also possible to apply customized designs such as customer's brand or customer's logo that can be made and transferred under the tile without using the press.

ROLLER PRESS sleeves are available in different thicknesses and lengths and can be easily mounted on all applicators using traditional SPINGUM sleeves.

MODEL	DIMENSION
ROLLER PRESS L = 1500	Ø 60 x 1500 mm
ROLLER PRESS L = 2000	Ø 60 x 2000 mm



Seedex srl

Via Falzarego, 9/9A - 41049 Sassuolo (Mo) Italy

Tel. +39 0536 905606 Fax +39 0536 815690

www.seedex.it mail@seedex.it

ROLLERFLEX

— special silicone cylinder engraved with laser for protective engobe application

The technological development of tile manufacturing in recent years has strongly introduced production of large formats and consequently the need to review and optimize some application techniques traditionally used in production process, adapting them to this new reality.

One of the processes undergoing changes is the application of protective engobe on the tile back to protect kiln rollers from residues of clay and enamel which tend to stick to rollers during firing cycle.

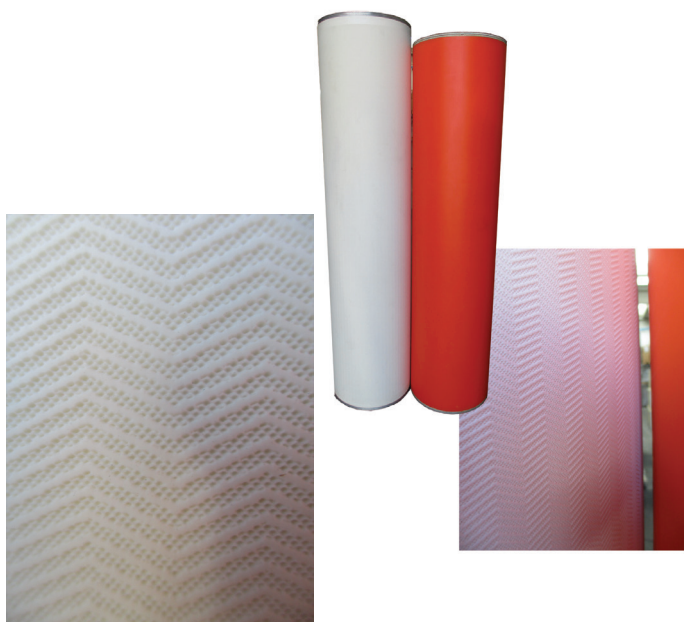
This application has traditionally been performed with devices that generally use sleeves called SPINGUM, but these devices have proved inadequate especially for large-format tiles or slabs that are produced with new plants type as CONTINUA / SUPERA / LAMINAM.

For this reason there are new machines that allow the application of protective engobe on the back of the tiles through the use of silicone cylinders engraved with laser which have proved to be very effective for this type of application.

Seedex presents a solution to this problem with the creation of the new ROLLERFLEX cylinder.

For the manufacture of ROLLERFLEX cylinder, various soft silicone compounds can be used in combination with the elastic support of various hardnesses to obtain extremely flexible cylinders to adhere perfectly to the whole surface on the back of the tile even in cases of slightly concave or convex slabs.

To apply protective engobe in the best way, various types of engraving, more or less deep, of different designs have been developed which, upon request, can be completed with the customer's **logo or brand**.



We can thus summarize fundamental characteristics of this application technology:

1- ENGOBE PROTECTIVE APPLICATION WITH ACCURACY AND ALL OVER THE SURFACE.

Unlike traditional method, new machines that use highly flexible ROLLERFLEX cylinders allow the product to be applied all over the entire surface of the tile back, even for large, slightly concave or convex slabs. This system has proved particularly effective for large slabs (CONTINUED - SUPERA - LAMINAM) with a width of 2 meters and various lengths up to 4 meters and more.

Naturally, it is possible to use these machines not only for large slabs but for all tile formats, and therefore ROLLERFLEX cylinders are available in various sizes.

2- POSSIBILITY TO PRINT A BRAND OR LOGO UNDER THE TILE

The engraving of the cylinder with the laser allows customers to engrave also BRAND or customer's LOGO that will be printed under the tile directly with the protective engobe without using press. Thus, it will be possible to quickly change brand or logo simply by changing ROLLERFLEX cylinder by another one with a different engraving.

3- REDUCTION OF PRODUCTION COSTS

The increase in effectiveness of this application leads to an exponential increase in life of kiln rollers and consequently a considerable reduction in production costs.

MODEL	DIMENSION
ROLLERFLEX 720 XL	Ø 229 x 1023 mm
ROLLERFLEX 720 2XL	Ø 229 x 1323 mm
ROLLERFLEX 720 3XL	Ø 229 x 1600 mm
ROLLERFLEX 720 L=1720	Ø 229 x 1720 mm
ROLLERFLEX 1440 XL	Ø 458 x 1023 mm
ROLLERFLEX 1440 2XL	Ø 458 x 1323 mm
ROLLERFLEX 1440 L=1460	Ø 458 x 1460 mm
ROLLERFLEX 1440 3XL	Ø 458 x 1600 mm
ROLLERFLEX 1440 L=1800	Ø 458 x 1800 mm
ROLLERFLEX 1440 L=2000	Ø 458 x 2000 mm
ROLLERFLEX 465 3XL	Ø 465 x 1600 mm
ROLLERFLEX 465 L=1650	Ø 465 x 1650 mm
ROLLERFLEX 465 L=1960	Ø 465 x 1960 mm
ROLLERFLEX 465 4XL	Ø 465 x 2050 mm