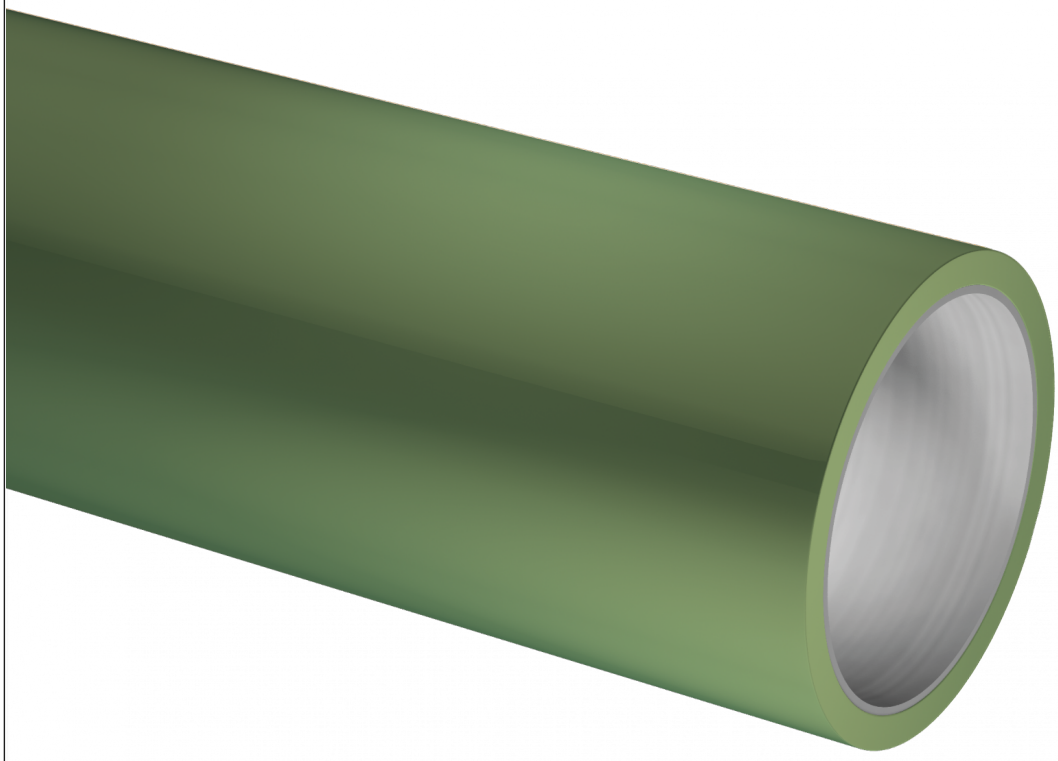
Green ESA PU



E.S.A. System

hardness range 80-90

max load 50 [kg/cm]

max temp 90°C

Speedwell System

Technopolymer designed to coat impression rollers for ESA printing on paper and cardboard with higher printing loads and high resistance to the abrasion with water, alcool o acetate max 30% based inks. Cleaning with gasoline or with a blend of 80% ethyl alcool and 20% ethyl acetate.

All the special Rossini conpounds are available both in Speedwell Sleeve configuration and Rubber roller.

structure

Rubber-coated roller with steel core and/or Speedwell sleeve with conductive or non-conductive fibreglass conical base. Electrolast PU coating ground to measurement.

specifications

Colour	Green
Rubber-coated roller - Min/Max diameter	35 - 550 [mm] // 1.373 - 21.569"
Rubber-coated roller - Min/Max length including pins	150 - 5.000 [mm] // 5.882 - 196.078"
Speedwell Sleeve - Min/Max diameter	80 - 450 [mm] // 3.137 - 17.647"
Speedwell Sleeve - Min/Max length - Tolerance UNI:ISO 2768T1m	350 - 3500 [mm] // 13.725" - 137.255"
Coating thickness	10 - 35 [mm] // 0.392 - 1.373"
Min coating thickness to guarantee after grinding	8 [mm] // 0.315" - Grinding value at a minimum must be supplied by the client based on the possible adjustment of the printing press
Surface hardness - Tolerance +/-3 Shore A	80 - 95 Shore A
Maximum resistance to pressure	50 [Kg/cm]
Electrical resistance	Rollers and Speedwell Sleeves are designed and built according to technical specifications released by the manufacturers of ESA systems and the type of application of the electrostatic charge (Top Loading - Side Loading - Direct Charge)
Compressed air for sleeve assembly	12 - 20 [bar] // 174 - 290 PSI Minimum capacity: 700 [l//min] with air input having a free passage with D => 8[mm]
Maximum temperature resistance	90 °C / 194 °F
Working tolerance	External finishing with precision grinding (Ra=0.8) with T.I.R. < 0.03 mm] when measured on a mandrel with T.I.R. <= 0.005 [mm]
Resistance to chemicals	Gasolines - Water - Isocyanate - Ozone
Cleaning Procedure	Use gasoline or with a blend of 80% Ethyl alcool and 20% ethyl Acetate. Dry the surface before stocking.

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