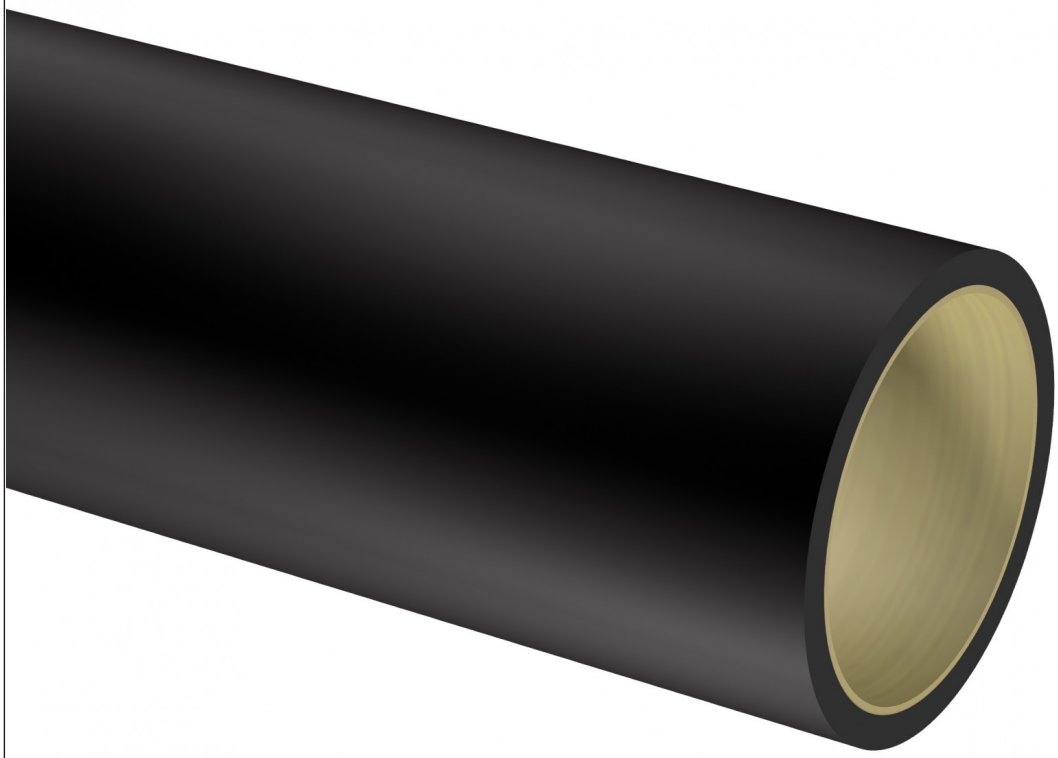
Esa Rubber H - Formula 1



E.S.A. System

hardness range 65-90

max load 20 [kg/cm]

max temp 150°C

Speedwell System

Elastomer to coat printing impression rollers with ESA system with higher printing load and solvent based inks and max 20% toluene. Performs a further better resistance to the abrasion. Cleaning with a blend of 75% ethyl alcool and 25% 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 fibreglass conical base. Esa Rubber H coating ground to measurement.

specifications

Colour	Black
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	70 - 90 Shore A
Maximum resistance to pressure	20 [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	150 °C / 302 °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	Alcohol - Acetates max 30% - MEK max 20% - Water - Ozone

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