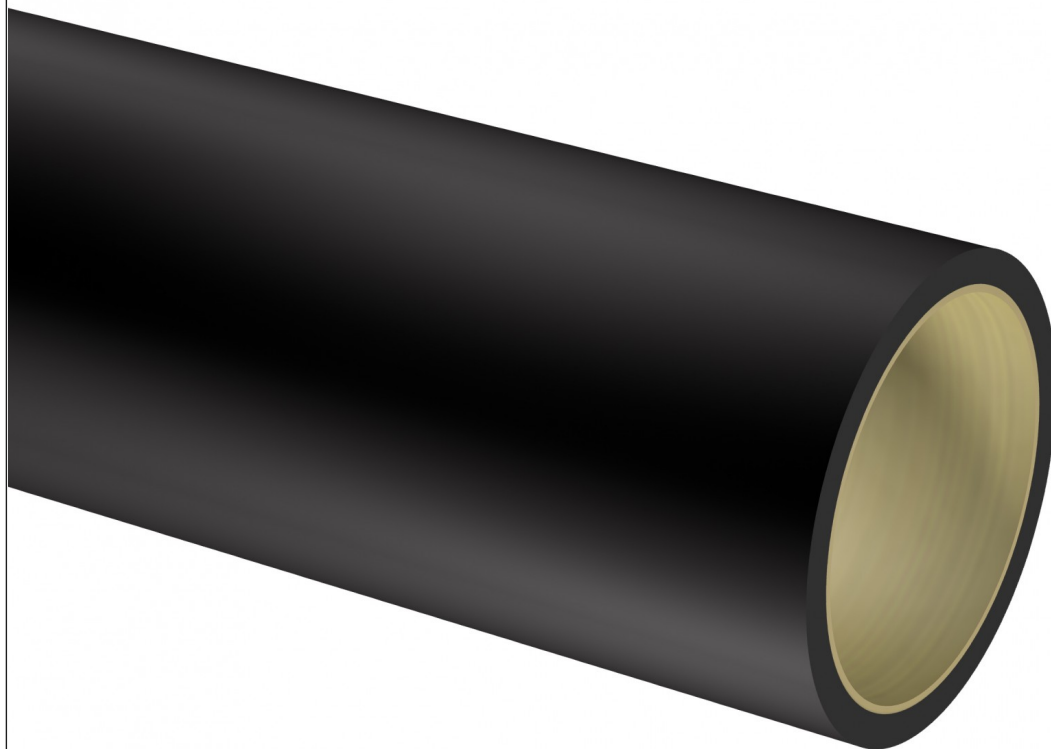


# Esa Rubber H - Formula 1



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 alcohol and 25% ethyl acetate.

All the special Rossini compounds 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

<b>Colour</b>	Black
<b>Rubber-coated roller - Min/Max diameter</b>	35 - 550 [mm] // 1.373 - 21.569"
<b>Rubber-coated roller - Min/Max length including pins</b>	150 - 5.000 [mm] // 5.882 - 196.078"
<b>Speedwell Sleeve - Min/Max diameter</b>	80 - 450 [mm] // 3.137 - 17.647"
<b>Speedwell Sleeve - Min/Max length - Tolerance UNI:ISO 2768T1m</b>	350 - 3500 [mm] // 13.725" - 137.255"
<b>Coating thickness</b>	10 - 35 [mm] // 0.392 - 1.373"
<b>Min coating thickness to guarantee after grinding</b>	8 [mm] // 0.315" - Grinding value at a minimum must be supplied by the client based on the possible adjustment of the printing press
<b>Surface hardness - Tolerance +/-3 Shore A</b>	70 - 90 Shore A
<b>Maximum resistance to pressure</b>	20 [Kg/cm]
<b>Electrical resistance</b>	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)
<b>Compressed air for sleeve assembly</b>	12 - 20 [bar] // 174 - 290 PSI Minimum capacity: 700 [l/min] with air input having a free passage with D => 8[mm]
<b>Maximum temperature resistance</b>	150 °C / 302 °F
<b>Working tolerance</b>	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]
<b>Resistance to chemicals</b>	Alcohol - Acetates max 30% - MEK max 20% - Water - Ozone

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