

# Agitating roller for Gravure printing



【In order from top in the above photograph:

S-Roll, P-Roll, AMT-Roll, AMR-Roll and AF-Roll】

## S type

- ① As the external diameter is 36mm, it can be used in the even shallow ink-vat.
- ② Light weight type: the weight is reduced about 45% than P-Roll.
- ③ High speed revolving: the revolving speed is 2.5 times of P-Roll.
- ④ The magnet is fixed at the center, lets the iron powder adhere at the space among the spiral tape and prevents to make the flaw at the cylinder plate.
- ⑤ Possible to produce by 10mm of pitch from 200mm to 800mm of total length. Keeping to hang down by the hook in order to prevent to be bent.

## P type, AMT type, AMR type, AF type

- ① P-Roll is the type of lightweight plastic pipe that has the external diameter 48mm. AMR-Roll, AMT-Roll and AF-Roll are the type of Aluminum pipe that have the external diameters 54mm, 52mm and 51mm.
- ② Possible to produce by 10mm of pitch from 300mm to 1,700mm of total length.
- ③ P-Roll is kept to hang down by the hook in order to prevent to be bent. Not to be bent so that AMR-Roll, AMT-Roll and AF-Roll are made of Aluminum.
- ④ P-Roll, AMR-Roll and AMT-Roll touch the revolving cylinder by magnet. AF-Roll is fixed with the cylinder by metal fitting, and ouched

Spec\Type	S-Roll	P-Roll	AMT-Roll	AMR-Roll	AF-Roll
Outside diameter	38mm	48mm	52mm	54mm	51mm
Length	200mm~800mm	300mm~2000mm (producing by 10mm of pitch)			
Pipe material	Paper	Plastic	Aluminum		
Surface	Spiral				Flat
Swellings	1mm height			2mm height	N/A
Film wrapping	Yes			No	Yes
Magnet	2 places (both ends of roll)	2 or 3 places (both ends of roll and center position)			None
Rubber rings	2 pieces			None	2 pieces
Rubber ring size inside×outside×width	30mm×34mm× 7.5mm	35mm×39mm× 7.5mm	40mm×44mm× 7.5mm	N/A	40mm×44mm× 7.5mm
Hook	One side				Both side
Recommending use	Printing and a part of coating			Printing only	Printing and coating
Rotating performance	Good	Good	Excellent		Fair
Cleaning performance	Good			difficult	Excellent
Storage	Hanging		Hanging		
Pushing tool	Not necessary				necessary