Care recommendations of sleeves and adapters

In order to utilize sleeves and adapters in the most efficient way and to increase their life time, you should follow the following easy recommendations during all working phases.

Air pressure

- The air pressure measured at the air cylinder should be between 6 and 8 bar (87-116 psi).
- The air volume should not be below 12 litres per second (0.42 cubic ft/sec.).
- Please ensure air can pass freely without obstructions.
- Unnecessarily long or branching supply lines may lead to a drastic fall in air pressure.
- The compressed air system and the air cylinder surfaces should not be wet or dirty of oils, lubricants and inks.
- Check for blockages in the air outlet from time to time.

Cleaning, care and storage of sleeves and adapters

- Lubricants, ink and tape residues should be removed as quickly as possible to maintain unaltered the surface properties as long as possible.
- The only suitable solvents for cleaning are ethanol, propanol and isopropanol.
- Stronger residues can be removed with a soft nylon brush.
- Do not use solvents containing grease or oil since they negatively affect the surface.
- Do not keep solvents on sleeves/adapters for a long period of time.

- Plates and tape should always be demounted after use so that solvents do not damage the sleeves.
- After cleaning, leave the sleeves/adapters to dry for about 30 minutes to allow the complete evaporation of solvents.
- Never use: acids, alkaline solutions, salt solutions and sharp objects that could damage the sleeves/adapters surface.
- To keep unalterated good mounting properties, the inner base of the sleeves should be cleaned with an appropriate cleaner.
- Fibre-glass filaments which could loosen from the inner base of the sleeve can be grinded off, but never pulled out.
- Sleeves/adapters should be stored freely and should not be stacked on top of each other or in contact with weights which may affect their concentricity.
- Please ensure that sleeves/adapters stored upright do not topple over.
- High temperatures and humidity negatively affect the service life of sleeves/ adapters.

Clichés mounting

- Lubricant, oil and ink reduce the adhesion properties of the tape.
- To apply the tape on the sleeve without bubbles the use of a plastic rake and of a plastic roller is recommended.
- PVC/PE adhesive tapes effectively protect the exposed surface of the sleeve.
- If an edge sealer is used, never apply it directly on the sleeve, but only on the tape!
- Cutting directly on the sleeve might damage the surface.
- In order to avoid the edge lifting of the plate, adjust the tape gap and the plate gap by a minimum of 30°.

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Clichés demounting

- Remove cliché carefully, slowly and with constant tension in order to avoid cliché damaging.
- Remove the tape by slowly pulling it back from the corner at an angle.
- Remove any tape residue immediately.

For more information contact us – mailto: biuro@printsystems.pl

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