Fitting Instructions for Roll Covers

Select a sleeve size as a loose fit on the roller but no larger than necessary. Slide over the roller. It may be necessary to support the roller vertically or if the roller is very long or heavy, use a long tube fitted over one of the journals to lift one end of the roll. Allow the sleeve to be slid along the tube and then over the roll. Position the sleeve over the roll so that approximately 25mm extends from each end.
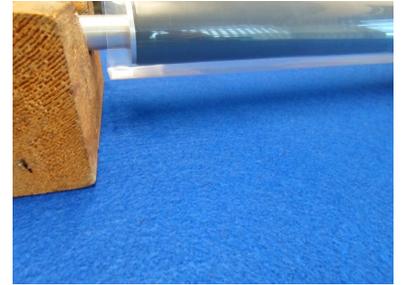
Start shrinking with a hot air gun on the high setting (200 - 300°C). Point the gun slightly away from the direction you are shrinking to avoid premature shrinking which may cause wrinkles. Slowly rotate the roll and gradually move along the roll shrinking about 12mm each revolution. TAKE CARE to allow the free end of the sleeve to stay loose and not to bind on the journal supports or the roll itself. The sleeve normally lengthens during shrinking and a you should observe the lengthening free end.

Continue to shrink past the shoulder of the roll and the sleeve will neck down to a smaller diameter. This neck can be trimmed with a sharp knife blade.

It is advantageous to leave the shoulder covered in this way as it helps to secure the sleeve on the roll, if it is not to be bonded into place. However if necessary the sleeve can be cut flush with the end of the roll.

If the sleeve is to be bonded with an adhesive, it must be etched at our factory on the inside surface. For larger rolls the adhesive is injected under the sleeve after fitting and then manipulated to spread it evenly across the whole surface, taking great care not to entrap any air. Smaller rolls can be painted with adhesive before the sleeve is applied. The adhesives election is critical, as many adhesives will pre-cure due to the heat of the hot air gun.

Advice should be requested from our technical department before bonding sleeves.

For more information about our FEP & PFA Roll Covers, please visit adtech.co.uk

For technical assistance, contact our customer service team:

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