

**Tips for Utilizing Manosplint® Printed Material**  
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Kinetec has the unique ability to print directly on their thermoplastic materials – this can allow patient participation in the fabrication process and ultimately increase orthosis wearing compliance. Printing is offered on all Manosplint thermoplastics (except Ohio F) – including all thicknesses and perforation patterns; these printed sheets are available in 12x18 (‘demi’) size sheets only. Clinics can choose images from our large library of jpg’s including multiple categories ranging from pediatric to adult designs. An organized way to delve into ordering printed materials includes choosing a specific image for each material used in clinic – this will minimize any confusion when offering options to patients. Creating a ‘cheat sheet’ with information on specific print/thermoplastic pairing is helpful for clinics to organize inventory. An added bonus of using printed material is how this helps us therapists figure out what specific materials we are using. There is also an option to customize the printing by utilizing a unique jpg that you provide and send directly to Kinetec (please note there may be limitations due to copyright and licensing laws). One popular option is to use your company’s logo – this can be printed on a full sheet displaying multiple logos; the individual logo can be cut out and adhered to an already fabricated orthosis – ‘branding’ an orthosis with your company logo! We recommend utilizing Manosplint Ohio S 1/16” solid for this purpose – prepare the area on the orthosis to adhere this logo by scratching away the protective coating and heating both areas until tacky to adhere permanently.



**Fabrication Tips:**

- Be mindful when creating pattern and applying heated material to patient to be sure the pattern will be visible on completed orthosis – always double check the pattern prior to cutting out the design to be sure the image is away from skin
- Do not overheat water – ideally set temperature to 160°F
- During fabrication process - do not leave printed material in hot water for prolonged period of time (can result in fading), only heat for time required to activate and soften material just prior to patient application (2-4 minutes depending on thickness)
- Color residue on towel and in heating pan is normal after removing material from water – there should not be any significant fading of pattern
- Educate patient on proper care of printed orthosis
  - Clean carefully with mild soap and water – no vigorous rubbing
  - Avoid harsh chemicals (rubbing alcohol, bleach wipes)



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