



# Curbell O&P

## Materials for Orthotics and Prosthetics

# Curbell O&P History

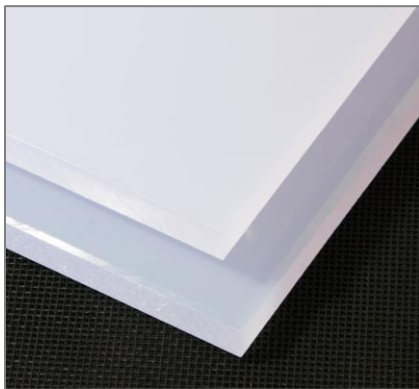
*Curbell O&P began in 2013 when Curbell Plastics acquired American Plastics in Arlington, TX. Through organic growth and acquisitions Curbell O&P has become one of the largest suppliers of plastic sheet to the O&P Market.*

- **January 2013** – Curbell Plastics acquires American Plastics in Arlington, TX
- **November 2015** – Curbell Plastics acquires O&P Enterprises in Gurnee, IL
- **March 2018** – Curbell Plastics acquires Guard Industries in St. Louis, MO



# Why Curbell O&P

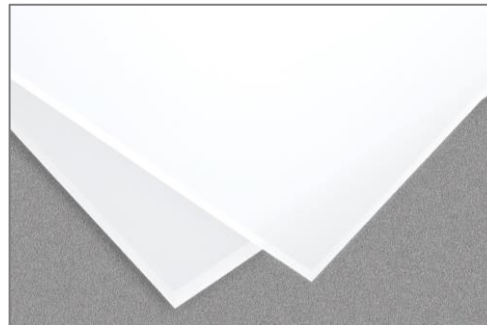
- Curbell focuses on supplying the most consistent materials from batch to batch
- Curbell has one of the broadest plastics product offerings for O&P including materials developed specifically for the O&P market
- Curbell has technical resources to help you with fabrication issues and with material selection for challenging cases



# Plastics for Orthotic Fabrication

# Common Orthotic Materials

- **Polypro** (homopolymer polypropylene)
- **Copoly** (copolymer polypropylene)
- **LDPE** (natural & black)
- **MPE** (modified low density polyethylene)
- **C-TEK® MODStiff™** (stiffness between MPE and Copoly)
- **Volara® Foam** (cross-linked EVA foam)
- **Transfer Paper** (used to decorate braces)





# Only from Curbell for Orthotics

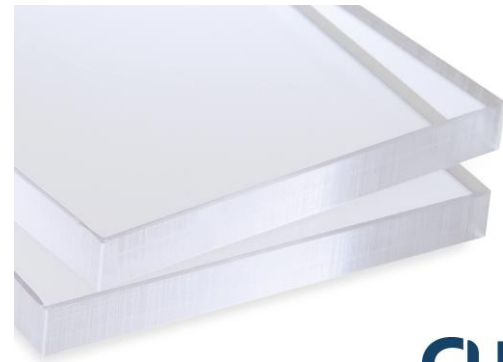
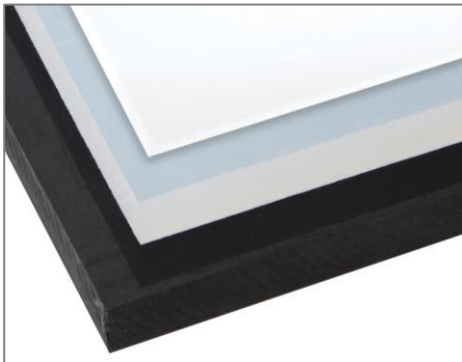
## *Exclusive materials available only from Curbell O&P*

- **ProComp<sup>®</sup>** (carbon fiber reinforced PPH)
  - Used for lower limb orthosis
  - Revenue generator for O&P practices because it qualifies for L-2755
  - 25% stiffer than standard PPH
- **OP-TEK<sup>®</sup> Flex Natural, Black, and Comfort (EVA)**
  - Used for flexible inner-boots
- **Duraflex<sup>®</sup> Natural and Black (EVA)**
  - Used for flexible inner-boots
- **C-TEK<sup>®</sup> MODStiff<sup>™</sup>** (stiffness between MPE and Copoly)
  - With a flexural modulus of 109 kpsi it offers the ability to down gauge and reduce the weight of larger orthoses made out of MPE, and a good choice when MPE is not stiff enough and Copoly is too stiff.

# Materials for Prosthetic Fabrication

# Common Prosthetic Materials

- PETG
- Orfitrans™ Stiff
- OP-TEK® Flex Family (EVA) (natural, black, Comfort & BiLam)
- Proflex and Proflex with Silicone (EVA)
- Duraflex® (EVA) (natural and black)
- Carbon Braid (12K, 6K, and 3K)





# Only from Curbell for Prosthetics

## *Exclusive materials available only from Curbell O&P*

- **ProComp<sup>®</sup>** (carbon fiber reinforced PPH)
  - Used for check sockets and definitive sockets
  - Revenue generator for O&P practices because it qualifies for L5940, L5950, and L5960
  - 25% stiffer than standard PPH
- **OP-TEK<sup>®</sup> Flex Natural, Black, Comfort, and BiLam (EVA)**
  - Used for flexible inner-liners for carbon laminated definitive sockets
  - OP-TEK<sup>®</sup> Flex Comfort is a low friction, non-silicone, alternative to Proflex w/silicone
  - OP-TEK<sup>®</sup> Flex BiLam is the only low friction, non-silicone EVA available in black
- **Duraflex<sup>®</sup> Natural and Black (EVA)**
  - Used for flexible inner-liners for carbon laminated definitive sockets

# Additional Materials for O&P Fabrication

# Additional O&P Fabrication Materials

- Volara® Foam (4e and 12A)
- Stockinettes (nylons)
- Transfer Paper (50+ patterns)
- Carbon Braid (12K, 6K, and 3K)
- Plaster (in Southeast)
- Cast Saw Blades
- Plaster Traps



**Thank you for your attention. Contact us for more information.  
1-800-666-0356 • [www.curbellplastics.com](http://www.curbellplastics.com)**

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