

BIOFIT®

ERGONOMIC SEATING

Component Identification and
Manufacturing Code Protocol Guide

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Foundation Line Chair Components Legend

Use this legend to assist in component identification and compilation of Foundation Line chair manufacturing codes.

Seats

- Basic:**
- A - Large, upholstered, saddle-shaped, contoured seat with waterfall front and internal seat board bumperguard; 21" wide x 19" deep x 3" thick
 - B - Small, upholstered, concave seat with internal seat board bumperguard; 16.5" wide x 16.5" deep x 3" thick
 - E - Mid-sized, upholstered seat with four-way contouring and internal seat board bumperguard; 16.5" wide x 17" deep x 3" thick
- Specialty:**
- F - Open upholstered contoured seat with seven seams, waterfall front and internal seat board bumperguard; 21" wide x 19" deep x 3" thick
 - G - Polypropylene seat with UV inhibitors, antimicrobial properties and stipple finish; 17.5" wide x 15.5" deep x 1.5" thick
 - K - One-piece high-density polypropylene shell; 18.5" wide x 17" deep x 18.5" high x 2" thick
 - R - Round, upholstered seat with high-resilience molded foam cushioning and internal seat board bumperguard; 16" diameter x 3.5" thick
 - U - Self-skinned urethane seat with waterfall front, shaped rear edge and ventilating ribs; 18.5" wide x 17" deep x 1.5" thick
 - VPJR - Round, seamless, vacuum formed vinyl upholstered seat with high-resilience molded foam cushioning and internal seat board bumperguard; 16" diameter x 3.5" thick

Backrest (with Backbar)

- Basic:**
- B - Breathable, flexible, woven, black mesh backrest with recycled nylon frame; 16.375" wide x 16" high
 - E - Mid-sized upholstered ergonomic backrest with lumbar support and rear plastic protective panel; 15.5" wide x 14.5" high
 - M - Large upholstered ergonomic backrest with upper back and lumbar support and rear plastic protective panel; not available on models with seat heights over 32"; 18" wide x 19" high
 - T - Small upholstered ergonomic backrest with lumbar support and rear plastic protective panel; 14.5" wide x 9.8" high
- Specialty:**
- G - Polypropylene backrest with UV inhibitors, antimicrobial properties, integral lumbar support and stipple finish; 16" wide x 15.75" high
 - P - Nylon mesh ergonomic backrest with composite frame and adjustable lumbar support; 19" wide x 24" high
 - S - Large, upholstered, contoured and molded ergonomic backrest with lumbar support; 23" high
 - U - Self-skinned urethane backrest with waterfall front, shaped rear edge and ventilating ribs; 18.5" wide x 17" deep x 1.5" thick

This primer will familiarize you with individual MVMT® and Foundation seating line product components and their corresponding identification codes as well as instructions on how to compile product manufacturing codes to simplify order placement.

MVMT® Line Chairs Component Legend

Use this legend to assist in component identification and compilation of MVMT Line chair manufacturing codes.

Series Prefixes

MP – MVMT Pro

MTCL – MVMT Tech Series Classic

MTHD – MVMT Tech Series Heavy Duty

Seats



1 – Upholstered ergonomic 20.5" wide seat with adjustable depth from 16.4" – 18.9" (*available on MVMT Pro Series only*)



1B – Upholstered ergonomic 20.5" wide seat, mounted rearward for 16.4" depth (*available on MVMT Tech Series only*)



1F – Upholstered ergonomic 20.5" wide seat, mounted forward for 18" depth (*available on MVMT Tech Series only*)

Backrests with Backbars



MB – Mid-sized, upholstered adjustable ergonomic backrest with lumbar support and rear plastic protective panel; 17.5" wide x 15" high



TB – Large, upholstered height-adjustable ergonomic backrest with upper back and lumbar support and rear plastic protective panel; 17.5" wide x 19.5" high

Bases



GR – 25.6" diameter, high-profile black reinforced composite base



P25 – 25.6" diameter, high-profile cast aluminum base with polished top



P28 – 28.7" diameter, high-profile wide aluminum base with polished top

Bases Continued



TUH – 23" diameter, tubular steel base with affixed 21" diameter footring positioned 12" above floor level for high-height MVMT Tech Heavy Duty models



TUL – 23" diameter, tubular steel base with affixed 21" diameter footring positioned 8" above floor level for low- and medium-height MVMT Tech Heavy Duty models

Seat Height Ranges

| | |
|----------|----------------|
| L | Desk |
| M | Standard Bench |
| H | High Bench |

Casters & Glides



HG – 2" high polyamide glides



LRO – Dual-wheel, soft tread, with weight-activated self-braking capability; resists movement when seat is occupied



R – Single-wheel, thermoplastic rubber, non-marring, ball-bearing construction; for hard floors including concrete



RC – Hooded dual-wheel, non-marring resistance casters; resist movement when seat is unoccupied — standard on most models



RK – Hooded dual-wheel, non-marring resistance casters for ESD applications; resist movement when seat is unoccupied

Controls



E1 – Task control regulates seat height and backrest angle



E2 – Regulates seat tilt, backrest tilt and seat height from a seated position



E3 – Synchro-tilt control regulates seat height, seat depth and tilt tension, and includes control lockout for precision work



PM – Weight-activated Pro control with 5:1 synchro-tilt, forward seat tilt, backrest-forward adjustment, micro tension adjustment and control lockout; available on MVMT Pro models only

Footrings



AFP – Adjustable height, 22" diameter, oval tube construction, solid polished cast aluminum spoke (standard on M & H height Pro and Tech Series Classic models)

XF – Exclusion code: no footring

Armrests



1D – Height-adjustable urethane armrest pads on solid polished cast aluminum uprights; lock into place once adjusted



3D – Adjustable urethane armrest pads on solid polished cast aluminum uprights; adjust 3.5" vertically, 2" front to back, 1" left to right

XA – Exclusion code: no armrests

Metal Finishes



Standard:

06 – Black powder coat



Optional:

C – Chrome



02
Almond



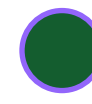
03
Ruby Red



04
Gray



07
Sapphire
Blue



09
Moss
Green

Optional custom powder coat finish colors are available. Any color except black or chrome may be delayed. Contact us for details.

Performance Package Legend

Applies to all seating lines. Note that every performance package is not available on every model. Refer to our current seating catalog or product series data sheets by scanning the QR code, or contact your BioFit rep for details.



| Category | Class | MFG Code, All Lines |
|----------------------------------|-------|---------------------|
| Static Control/ESD | — | K |
| Clean Room | ISO 8 | ISO8 |
| | ISO 7 | ISO7 |
| | ISO 6 | ISO6 |
| | ISO 5 | ISO5 |
| | ISO 4 | ISO4 |
| | ISO 3 | ISO3 |
| Clean Room/ESD | ISO 8 | ISO8K |
| | ISO 7 | ISO7K |
| | ISO 6 | ISO6K |
| | ISO 5 | ISO5K |
| | ISO 4 | ISO4K |
| | ISO 3 | ISO3K |
| Standard black metal part finish | — | 06 |
| Chrome-plated metal parts | — | C |

Upholstery

| | COM | Grade 2 | Grade 3 | Grade 4 | Grade 5 | Grade 6 | Grade 7 |
|------------|-----|----------|---------|---------|---------|---------|---------|
| Foundation | ✓ | Standard | ✓ | ✓ | ✓ | ✓ | ✓ |
| MVMT | ✓ | Standard | ✓ | ✓ | ✓ | ✓ | ✓ |

Miscellaneous

| | Foundation | MVMT |
|--|------------|------|
| FM – Memory foam | ✓ | |
| SW – Skid wrapping | ✓ | ✓ |
| VU – Upholstered underwrap to match seat upholstery | ✓ | ✓* |

*Available on MVMT Tech Series models only.

Foundation Line Chair Components Legend

Use this legend to assist in component identification and compilation of Foundation Line chair manufacturing codes.

Seats



Basic:

A – Large, upholstered, saddle-shaped, contoured seat with waterfall front and internal seat board bumperguard; 21" wide x 19" deep x 3" thick



B – Small, upholstered, concave seat with internal seat board bumperguard; 18.5" wide x 16.5" deep x 3" thick



E – Mid-sized, upholstered seat with four-way contouring and internal seat board bumperguard; 18.5" wide x 17" deep x 3" thick



Specialty:

F – Cloth upholstered contoured seat with sewn seams, waterfall front and internal seat board bumperguard; 21" wide x 19" deep x 3" thick



G – Polypropylene seat with UV inhibitors, antimicrobial properties and stipple finish; 17.5" wide x 15.5" deep x 1.5" thick



K – One-piece high-density polypropylene shell; 18.5" wide x 17" deep x 18.5" high x 2" thick



U – Self-skinned urethane seat with waterfall front, shaped rear edge and ventilating ribs; 18.5" wide x 17" deep x 1.5" thick

Backrest (with Backbar)



Basic:

B – Breathable, flexible, woven, black mesh backrest with recycled nylon frame; 16.375" wide x 16" high



E – Mid-sized upholstered ergonomic backrest with lumbar support and rear plastic protective panel; 15.5" wide x 14.5" high



M – Large upholstered ergonomic backrest with upper back and lumbar support and rear plastic protective panel; not available on models with seat heights over 32"; 18" wide x 19" high



T – Small upholstered ergonomic backrest with lumbar support and rear plastic protective panel; 14.5" wide x 9.5" high



Specialty:

G – Polypropylene backrest with UV inhibitors, antimicrobial properties, integral lumbar support and stipple finish; 16" wide x 10.75" high



P – Nylon mesh ergonomic backrest with composite frame and adjustable lumbar support; 19" wide x 24" high



S – Large, upholstered, contoured and molded ergonomic backrest with lumbar support; 20" wide x 23" high



U – Self-skinned urethane ergonomic backrest with ventilating ribs and integral lumbar support; 16.5" wide x 12.5" high

Bases



A – 25.6" diameter, high-profile cast aluminum base



R – 25.6" diameter, high-profile reinforced composite base



S – 23" diameter, tubular steel base with affixed 21" diameter footing*



W – 28.7" diameter, high-profile wide aluminum base

*Footing is 8" from floor on low- and medium-height seating models and 12" above floor on high-height models.

Work Surface Height (recommended seat height ranges)

| | |
|----------|----------------|
| L | Desk |
| M | Standard Bench |
| H | High Bench |

Casters & Glides



HG – 2" high polyamide glides



LRO – Dual-wheel, soft tread, with weight-activated self-braking capability; resists movement when seat is occupied



R – Single-wheel, thermoplastic rubber, non-marring, ball-bearing construction; for hard floors including concrete



RC – Hooded dual-wheel, non-marring resistance casters; resist movement when seat is unoccupied — standard on most models



RK – Hooded dual-wheel, non-marring resistance casters for ESD applications; resist movement when seat is unoccupied

Seat Controls



FFAC – Free Float Articulating Control: Pneumatic seat- and backrest-height adjustment; seat and backrest tilt independently with separate levers and can free float or lock into place



EXE – Executive Tilt Control: Pneumatic seat- and backrest-height adjustment; backrest tilt; seat and backrest swivel tilt in unison; tilt tension control knob and single lever seat tilt lock into any position; only available on models with maximum seat height of 26" or less

Seat Controls Continued



SLD – Seat slider bracket enables seat depth adjustment range up to 2.5" with locking positions every 0.5"; add to standard task, EXE or FFAC controls. Available on specific models and configurations. Refer to product pages for details



ASC – Articulating Seat Control: Pneumatic seat- and backrest-height adjustment; seat and backrest tilt independently and lock into place with a single lever; only available on ISO 3 and ISO 4 performance packages models without arms



T – Task control with Soft Touch pneumatic seat height adjustment, fixed rearward 3.5° seat tilt, backrest tilt and backrest height adjustment

Footrings



AFP – Adjustable height, 22" diameter, oval tube construction, solid polished cast aluminum spoke (recommended for medium and high height models with A, W or R bases, adjusts easily without knobs/levers; not available with low height models or S style base units)



ATF – Adjustable height, 20" diameter, cast aluminum (recommended for medium and high height models with A, W or R bases, not available with low height models or S style base units)

XF – Exclusion code: no footring

Armrests



ARS – Height/width adjustable with self-skinned urethane pads (not available with ISO 3 or 4 performance packages)



PSAS – Height adjustable with self-skinned urethane pads

XA – Exclusion code: no armrests

Metal Finishes



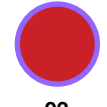
Standard:
06 – Black powder coat



Optional:
C – Chrome



02
Almond



03
Ruby Red



04
Gray



07
Sapphire
Blue



09
Moss
Green

Optional custom powder coat finish colors are available. Any color except black or chrome may be delayed. Contact us for details.

Foundation Line Stool Components Legend

Use this legend to assist in component identification and compilation of Foundation Line stool manufacturing codes.

Seats



C – Round, black self-skinned urethane seat; 14" diameter x 1.75" thick



LX – *Available on sit/stands only* – Black self-skinned urethane seat with built-in handle; 13" wide x 13" deep x 1.5" thick



R – Round, upholstered seat with high-resilience molded foam cushioning and internal seat board bumperguard; 16" diameter x 3.5" thick



T – Round 14-gauge steel seat with formed flange and no sharp edges; 13" diameter



URS – *Option available on Ajax (AJ) and TXG series stools only* – Round, black self-skinned urethane seat; 14" diameter x 1.75" thick



VF:R – Round, seamless, vacuum formed vinyl upholstered seat with high-resilience molded foam cushioning and internal seat board bumperguard; 16" diameter x 3.5" thick

Backrest with Backbar



T – Small upholstered ergonomic backrest with lumbar support and rear plastic protective panel; 14.5" wide x 9.5" high

X – Exclusion code: No back (*default for all stools except Regent series*)

Bases



A – 25.6" diameter, high-profile cast aluminum base



G – 4 legs constructed of 18-gauge steel tubing with 16" leg spread (*available on TXG-series stools only*)



R – 25.6" diameter, high-profile reinforced composite base



S – 23" diameter, tubular steel base with affixed 21" diameter footring*



W – 28.7" diameter, high-profile wide aluminum base

*Footring is 8" from floor on low- and medium-height seating models and 12" above floor on high-height models.

Work Surface Height (recommended seat height ranges)

L Desk **M** Standard Bench **H** High Bench

Casters & Glides



HG – 2" high polyamide glides



LRO – Dual-wheel, soft tread, with weight-activated self-braking capability; resists movement when seat is occupied



R – Single-wheel, thermoplastic rubber, non-marring, ball-bearing construction; for hard floors including concrete



RC – Hooded dual-wheel, non-marring resistance casters; resist movement when seat is unoccupied — standard on most models



RK – Hooded dual-wheel, non-marring resistance casters for ESD applications; resist movement when seat is unoccupied

Seat Controls



S – Fingertip-controlled pneumatic activator ring enables seat height adjustment from entire seat perimeter



T – Task control with Soft Touch pneumatic seat height adjustment, fixed rearward 3.5° seat tilt, backrest tilt and backrest height adjustment (*available on Regent [RT] series stools*)

Footrings



AFP – Adjustable height, 22" diameter, oval tube construction, solid polished cast aluminum spoke (*suggested for medium and high models with A, W, or R bases; unavailable on low models or those with S bases*)



ATF – Adjustable height, 20" diameter, cast aluminum (*suggested for medium and high models with A, W, or R bases; unavailable on low models or those with S bases*)

XF – Exclusion code: no footring

Armrests

XA – Exclusion code: no armrests (*default for all stools*)

Metal Finishes



Standard:
06 – Black powder coat



Optional:
C – Chrome



02
Almond



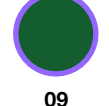
03
Ruby Red



04
Gray



07
Sapphire Blue



09
Moss Green

Optional custom powder coat finish colors are available. Any color except black or chrome may be delayed. Contact us for details.

Non-Adjustable Stool Series



AJ – Ajax series stools – 13" diameter, 14-gauge steel seat, 4-legged, all-welded base made of 1" diameter 18-gauge steel tubing, 16" diameter footring made of 1" diameter 18-gauge steel tubing, available in 18", 24" and 30" heights

Manufacturing Code Protocol



MVMT Pro Series

MVMT® Line Manufacturing Code Protocol

Using the protocol format chart below, the example components listed result in the manufacturing code **MP-1-TB-P28-M-RC-PM-AFP-3D-06-P28542**

- Series: MP; MVMT Pro
- Seat: 1; MVMT Pro Standard Seat
- Back: TB; Tall Back
- Base: P28; 28.7" Diameter Polished Aluminum
- Seat Height: M; Medium 20" – 27" Range
- Casters: RC; Resistance
- Control: PM; MVMT Pro Control
- Footring: AFP; 22" Diameter Adjustable
- Arms: 3D; 3D Style
- Finish: 06; Black Powder Coated Metal
- Upholstery: P28542; Royal Grade 2 Vinyl

| Series | Seat | Back | Base | Height | Casters/ Glides | Control | Footring | Armrests | Performance Pkg.* | Other Options* | Metal Finish | Upholstery** |
|--------|------|------|------|--------|--------------------|---------|----------|----------|----------------------|-------------------|-----------------|--------------|
| MP | 1 | TB | P28 | M | RC | PM | AFP | 3D | | | 06 | P28542 |

*Optional, if selected. **Scan the QR code at the bottom of this page to view standard upholstery.



Amherst Series

Foundation Line Chairs Manufacturing Code Protocol

Using the protocol format chart below, the example components listed result in the manufacturing code **AMA-L-RC-T-XF-XA-ISO7-C-CLN40**

- Seat: A style; Saddle-shaped, Contoured
- Back: M style; 18"W X 19" H
- Base: A; 25.6" Diameter Cast Aluminum
- Seat Height: L; Low 17" to 22" Range
- Casters: RC; Resistance
- Control: T; Task
- Footring: XF; No Footring
- Arms: XA; No Arms
- Performance Package: ISO7; ISO7 Cleanroom Rated
- Finish: C; Chrome metal
- Upholstery: CLN40; Chili Grade 3 Vinyl

| Seat, Back, Base | Height | Casters/ Glides | Control | Footring | Armrests | Performance Pkg.* | Other Options* | Metal Finish | Upholstery** |
|------------------|--------|--------------------|---------|----------|----------|-------------------|-------------------|-----------------|--------------|
| AMA | L | RC | T | XF | XA | ISO7 | | C | CLN40 |

*Optional, if selected. **Scan the QR code at the bottom of this page to view standard upholstery.



Rexford Series

Foundation Line Stools Manufacturing Code Protocol

Using the protocol format chart below, the example components listed result in the manufacturing code **RXR-H-RC-S-AFP-XA-C-P28540**

- Seat: R style; Round, Upholstered 16" Diameter
- Back: No Back
- Base: R; 25.6" Reinforced Composite
- Seat Height: H; High 22" to 32" Range
- Casters: RC; Resistance
- Control: S; Stool
- Footring: AFP; 22" Diameter Adjustable
- Arms: XA; No Arms
- Finish: C; Chrome metal
- Upholstery: P28540; Black Grade 2 Vinyl

| Seat, Back, Base | Height | Casters/ Glides | Control | Footring | Armrests | Performance Pkg.* | Other Options* | Metal Finish | Upholstery** |
|------------------|--------|--------------------|---------|----------|----------|-------------------|-------------------|-----------------|--------------|
| RXR | H | RC | S | AFP | XA | | | C | P28540 |

*Optional, if selected. **Scan the QR code at the bottom of this page to view standard upholstery.

Refer to the components and performance package legends on the following pages and individual product pages for standard component designators. Please contact BioFit customer service at biofit@biofit.com, 800.597.0246 or use our website chat if you have questions or need assistance determining a manufacturing code.



Scan the QR code and select the Upholstery Swatches and Finish Colors Catalog for a list of standard upholstery codes.

BIOFIT®

Answers are in our nature.™

Dedicated to Design. Committed to Quality.

At BioFit, that's more than a tag line – it's our focus every day as we constantly strive to improve the workplace experience through ergonomic performance, style and reliability. We've been an innovator for the past 78 years, introducing solutions for industrial and laboratory settings, and subsequently supplying the education, office, defense, automotive and textile markets. With a global network of over 600 independent distributors, we continue to proudly serve these industries today, as well as leaders in the healthcare and technology fields.

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