
FUEL

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FUEL PRODUCT SPECIFICATIONS**SEAT CONSTRUCTION**

- 2½" of high grade polyurethane foam covers a solid contoured molded plywood seat panel for support and comfort

BACK CONSTRUCTION

- Injection molded polypropylene outer shell
- Blow molded polyethylene inner back shell designed with deep ribbing to provide extra support
- Backs feature 2½" of custom molded, controlled density polyurethane foam for consistency and good contoured support on all models
- Large and tall models feature solid molded plywood panels

BACK REST

- Back height can be adjusted by simply lifting up on the back
- The range of adjustment is approximately 2"

ARMS

- Loop arms have encased high strength steel uprights made of polyurethane

CONTROL MECHANISM—INTENSIVE USE

- Synchronous control allows the back and seat to move in a synchronized 2.3:1 ratio motion
- Free float feature allows the chair to tilt freely
- A side activated telescoping tension adjustment handle provides a comfortable way to adjust back tension to meet individual needs
- The back angle can be locked in 1 of 5 positions
- Standard pneumatic gas cylinder lift allows seat to raise and lower 4¼" and provides spring action for added comfort

CONTROL MECHANISM—LARGE AND TALL MODELS

- Synchronous control allows the back and seat to move in a synchronized 2:1 ratio motion
- Free float feature allows the chair to tilt freely or be locked in the neutral position
- Standard pneumatic gas cylinder lift allows seat to raise and lower 4¼" and provides spring action for added comfort

BASE AND CASTERS

- Intensive use - Black, 5-prong fiberglass reinforced nylon base ensures long life
- Large and Tall - Feature a black, 27" 5-prong aluminum base tested using 4500 lbs. of force
- Hard, double wheel casters, which work on multiple surfaces, are standard

PERFORMANCE STANDARDS

- Intensive use models meet the Federal Intensive Usage Standard FED-STD 834
- Large and tall models meet BIFMA X5.11 Large Occupant Standard

QUICK DELIVERY PROGRAM

- All Fuel models available on Quick Delivery, including TB133



All Fuel models may be ordered to meet TB133 fire code.

To order seating to meet the TB133 fire code, specify an "F" at the end of the model number (Ex: N35MACF).

For TB133 pricing go to www.NationalOfficeFurniture.com/TB133

Please consult customer service for applicable Arc-Com, COM, Designtex, Maharam, Momentum, Stinson, or Ultrafabrics fabric.

FABRICS

Grade 1 Cali**
 Input**
 Plush**
 Ridge**
 Stardust
 Vessel**

Grade 2 Bliss**
 Brilliant**
 COM
 Dorset
 Orbit
 Phrase**
 Pixie**
 Sedona**
 Strand*

Grade 3 COL
 Jacks**
 Silvertex**

Grade 4 Connect Four**
 Echo**
 Masquerade**

Grade 5 Mode**

Grade 6 Essence/Ultraleather**

Grade 7 Brisa**
 Brisa Distressed**
 Reef Pro**
 Silica**
 Silica Etch**
 Tottori**

Grade L7 Davenport**

Grade L8 Florence**

*Strand restricted on upholstered back models

**These fabrics meet the FED-STD 834 requirements

FINISHES

Standard Black

PACK

KD Tool-less Knock Down –
 back, seat, and arms attached
 FA Fully Assembled (add \$86 list)



Shaded models are available through our Quick Delivery program and will be delivered within 10 days or less. Shaded models that feature the 48 icon will ship within 48 hours (48). See page 8 for additional program information.

TO ORDER, SPECIFY:

1. Model Number
2. Pack
3. Fabric Grade Number
4. Cover Number
5. Casters

• See page 271 for Fuel options

See page 274 for COM fabric yardage

**LARGE AND TALL
ARMLESS
SYNCHRONOUS
TILT CONTROL**



**MODEL
NO.**

GRADE / LIST PRICE

		1	2/COM	3/COL	4	5	6	7	L7	L8
N35MAC	Upholstered Back	\$ 1822	1892	1921	1973	2027	2121	2246	2839	3031
QN35MAC	Upholstered Back	1822	1892	1921	1973	2027	2121	2246		

DIMENSIONS

Width	31¼	Seat Height	18-22¼	Back Height	24-26¼	Weight	69
Depth	27½	Seat Width	24¼	Back Width	20¼	Cubic Ft.	25.5
Height	39½-47¼	Seat Depth	18				

- Meets BIFMA X5.11 Large Occupant Standard
- Ships fully assembled

**LARGE AND TALL
STATIC LOOP ARMS
SYNCHRONOUS
TILT CONTROL**



		1	2/COM	3/COL	4	5	6	7	L7	L8
N35MBC	Upholstered Back	\$ 2033	2103	2132	2184	2238	2332	2457	3050	3242
QN35MBC	Upholstered Back	2033	2103	2132	2184	2238	2332	2457		

DIMENSIONS

Width	31¼	Arm Height	10	Seat Depth	18	Weight	70
Depth	27½	Arm Width	23¼	Back Height	24-26¼	Cubic Ft.	25.5
Height	39½-47¼	Seat Height	18-22¼	Back Width	20¼		
		Seat Width	24¼				

- Meets BIFMA X5.11 Large Occupant Standard
- Ships fully assembled



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**INTENSIVE USE
ARMLESS
SYNCHRONOUS**



MODEL NO.	GRADE / LIST PRICE										
		1	2/COM	3/COL	4	5	6	7	L7	L8	
N35JAC	Plastic Back	\$ 1333	1363	1375	1397	1420	1460	1512	1763	1845	
QN35JAC	Plastic Back	1333	1363	1375	1397	1420	1460	1512			

DIMENSIONS

Width	27½	Seat Height	16½-21	Back Height	23¼-25½	Weight	56
Depth	25½	Seat Width	20½	Back Width	18	FA Cubic Ft.	18.3
Height	38¼-45¼	Seat Depth	17¼			KD Cubic Ft.	13.3

• Pack option is not available on Quick Delivery models

**INTENSIVE USE
STATIC LOOP ARMS
SYNCHRONOUS**



MODEL NO.	GRADE / LIST PRICE										
		1	2/COM	3/COL	4	5	6	7	L7	L8	
N35JCC	Plastic Back	\$ 1543	1573	1585	1607	1630	1670	1722	1973	2055	
QN35JCC	Plastic Back	1543	1573	1585	1607	1630	1670	1722			

DIMENSIONS

Width	27½	Arm Height	10	Seat Depth	17¼	Weight	58
Depth	25½	Arm Width	19½	Back Height	23¼-25½	FA Cubic Ft.	18.3
Height	38¼-45¼	Seat Height	16½-21	Back Width	18	KD Cubic Ft.	13.3
		Seat Width	20½				

• Pack option is not available on Quick Delivery models

TYPE OF TEST	FEDERAL INTENSIVE USAGE TESTING REQUIREMENTS FOR FED-STD 834	ANSI/BIFMA ACCEPTANCE
Cyclic Back and Back Tilt Mechanism Fatigue Test	1,000,000 Cycles Minimum	120,000 Cycles
Cyclic Vertical Load Test on 1 Arm	100 lbs. to 250 lbs. in 50 lb. Increments 25,000 Cycles at Each Load Level	200 lbs. 1 Time Function Load 300 lbs. 1 Time Proof Load 2,500 lbs. 1 Time Proof Load (Base Only)
Cyclic Vertical Load Test on Seats, Bases and Casters	200 lbs. to 1,300 lbs. in 50 lb. Increments 25,000 Cycles at Each Load Level	3,000 lbs. 6" 1 Drop 2,500 lbs. 1 Load (Base Only)
Cyclic Side Thrust Load Test on Arms	50 lbs. to 200 lbs. in 50 lb. Increments 25,000 Cycles at Each Load Level	100 lbs. 1 Time Function Load 150 lbs. 1 Time Proof Load
Cyclic Pneumatic Seat Height Adjustment Test	250 lbs. Cyclic Seat Load Cycle Pneumatic Unit 125,000 Full Cycles	No Comparable Test Requirement
Caster/Chair Base Durability Test	36,000 Cycles 5 lbs. Retention After Cycling	36,000 Cycles 5 lbs. Retention Minimum After Cycling

COM YARDAGE REQUIREMENTS

COM YARDAGE REQUIREMENTS (54" WIDTH – CUT UP THE ROLL)

MODEL	RAILROADED	NON DIRECTIONAL OR SOLID	1"-4" REPEAT	5"-11" REPEAT	12"-18" REPEAT	COL SQUARE FEET
	Contact customer service 800-482-1717 for ydg requirements		4" VERTICAL X 4" HORIZONTAL	11" VERTICAL X 11" HORIZONTAL	18" VERTICAL X 18" HORIZONTAL	
N35JAC		1.10	1.80	2.10	2.20	21
N35JCC		1.10	1.80	2.10	2.20	21
N35MAC		2.60	3.10	3.40	3.70	50.5
N35MBC		2.60	3.10	3.40	3.70	50.5

FUEL