

Outdoor Chair Compliance Checklist

A verification checklist for B2B buyers auditing an outdoor chair program. Mark each item only when the factory provides documented evidence — not a claim. Aligned to EN 581-2, ANSI/BIFMA X5.4, ASTM G154, ASTM B117, ISO 2409 and ISTA 3A.

How to use: verify every box before approving a production run, and attach the supporting documents to your container dossier.

MATERIAL TRACEABILITY & FRAME SPECS

- ☐ Aluminum grade specified (6063-T5 or 6061-T6) with mill certificate on file
- ☐ Structural tube wall thickness verified (1.2mm+) by caliper on production units
- ☐ PE rattan (HDPE) UV-8 stabilized compound — ASTM G154 validated
- ☐ Hardware: 304 stainless steel throughout, no magnetic carbon steel in contact parts
- ☐ Sling / fabric: solution-dyed Textilene or Batyline grade with UV + HALS package

STRUCTURAL INTEGRITY (EN 581-2 / BIFMA X5.4)

- ☐ Static load on production-line samples: seat 1,600 N / backrest 800 N / armrest 500 N
- ☐ Cyclic fatigue: 50,000+ cycles with no cracking at the seat-tube junction
- ☐ 100% proof-load to 2x rated capacity on a pneumatic stand before packing
- ☐ Rated capacity embossed on the frame — not a peel-off sticker
- ☐ Weld joints dye-penetrant inspected; operator, amperage and gas flow logged per batch

WEATHERING & CORROSION (ASTM B117 / ASTM G154)

- ☐ Salt spray: 500+ h for aluminum frames, 1,000+ h for stainless (ASTM B117)
- ☐ UV weathering: 1,500+ h, color shift dE ≤ 4, tensile retention ≥ 80% (ASTM G154)
- ☐ Powder coat 60-120 micron DFT; cross-hatch adhesion per ISO 2409
- ☐ Electrophoretic undercoat available for coastal / marine programs

STACKING & PACKAGING (ISTA 3A)

- ☐ Nesting verified against golden sample — 6-high target across production lots
- ☐ ISTA 3A 17-drop protocol: zero structural damage, correct nesting post-test
- ☐ Corner boards, edge guards and interleaved separators in every carton
- ☐ Barcode-verified SKU scan before carton sealing; hardware kits counted

COMPLIANCE & DOCUMENTATION

- ☐ ISO 9001 quality management and BSCI social audit current
- ☐ REACH / RoHS material declarations for destination markets
- ☐ Flammability certificates for cushion and sling materials
- ☐ Container dossier: material certs, test reports, AQL results, loading photos
- ☐ AQL 2.5 pre-shipment sampling with photo evidence

SUPPLY CHAIN & LOGISTICS

- ☐ MOQ confirmed by category (200-500 units per design)
- ☐ Lead time 25-35 days confirmed in writing
- ☐ Mixed-container plan: chairs stacked above heavy goods in one 40HQ
- ☐ DFM review and pre-production sample sign-off before mass production

Verify Your Chair Program — Free Compliance Assessment

Send us your chair specs and destination markets. Our engineers will confirm which EN / ASTM and compliance standards apply to your program, flag any gaps, and tell you exactly what documentation ships in your container dossier — within 48 hours, no obligation.

Get a Compliance Assessment — Within 48 Hours

www.ogpsgroup.com · [WhatsApp +86 158 1369 5321](https://www.whatsapp.com/channel/0029va333333333333333333)

Designed for brands with annual outdoor chair procurement of \$400K+. Enterprise engagements only.

Checklist aligned to the product ranges on ogpsgroup.com/outdoor-furniture/outdoor-chair/. Thresholds shown are our standard internal QC acceptance criteria; per-program requirements may differ. Final compliance is confirmed per order.