

G-14 34 FT. CARGO ASSEMBLY
P/N 11-1-578
NSN 1670-00-999-2658

TECHNICAL DATA
UPDATED MAY 17, 2004

U.S. PART NO:

11-1-578

1. 11-1-579
2. 51D6553
3. 11-1-219
4. 61D2459

The standard assembly consists of:

G-14 34 FT. CARGO ASSEMBLY

- 34 Ft. Canopy With Riser, P/N 11-1-581, Assembled
- Pack
- Static Line
- Static Line Drogue

Mills Manufacturing Corporation

P.O. Box 8100 Asheville, NC 28814

Telephone: 828-645-3061 Fax: 828-645-3065

Website: www.millsmanufacturing.com Email: info@millsmanufacturing.com

1. 34 Ft. Canopy, P/N 11-1-578:

Shape:	Bi-conical – Annular Rings
Diameter:	34 Ft.
Number of Gores	32
Number of Rings Per Gore	2
Number of Suspension Lines	32
Number of Suspension Lines	27'6"
Length of Riser Assemblies	30"
Gore Panel Material:	Cotton/Polyester Cloth, CCC-C-430, Class 1, Type II, Style G, 150 – 200 CFM, Camouflage Green #483, 55# tensile strength warp and fill
Suspension Line and Vent Line Material:	Nylon Cord, PIA-C-7515, Type IA, Camouflage Green #483, 400# tensile strength
Vent and Skirt Reinforcements:	PIA-W-4088, 9/16", Type I, Class 2, Natural, 525# tensile strength, Condition U
Annular Ring and Line Reinforcements:	PIA-W-4088, 9/16", Type I, Class 2, Camouflage Green #483, 525# tensile strength, Condition U
Radial Tapes:	PIA-T-5038, 1/2", Type IV, Camouflage Green #483, Class 2, 550# tensile strength
Bridle Loop:	PIA-W-27265, Type VIII, 1-23/32", Class 2, Camouflage Green #483, 4000# tensile strength
Suspension Riser Material:	PIA-W-27265, Type VI, Class 2, Camouflage Green #483, 2500# tensile strength
Riser Clevis:	PS 70086-1, 20,000# proof load
Canopy Stitching:	Nylon Thread, V-T-295, Type I/II, Class A, Size E, 3-C, Camouflage Green #483

2. **Pack, P/N 51D6553:**

Type Bag: Locking Closure

Pack Material: MIL-C-43375, Class 1, 12.5 oz., 800# warp tensile strength,
700# fill tensile strength

Loop, Retainer, Bottom,
Tie Down: PIA-T-5038, Type IV, Camouflage Green #483, 1",
Class 2, 1000# tensile strength

Binding Material: PIA-T-5038, Type III, 3/4", Camouflage Green #483,
Class 2, 400# tensile strength

Stitching: Nylon Thread, V-T-295, Type II, Class A, Size E,
Camouflage Green #483

3. **Static Line, P/N 11-1-219:**

Strap Material: Nylon Webbing, PIA-W-5625, 3/4" Camouflage Green #483,
2300# tensile strength

Clevis: PS 70086-1, 20,000# proof load

Stitching: Nylon Thread, V-T-295, Type I/II, Class A, Size FF,
Camouflage Green #483

4. **Static Line Drogue, P/N 61D2459:**

Panel Material: PIA-C-7219, Type III, Class 3, Camouflage Green #483,
325# warp tensile strength; 275# fill tensile strength

Binding Material: PIA-T-5038, Type III, Class 2, 3/4", 400# tensile
strength, Camouflage Green #483

Tie Cord Material: PIA-C-5040, Type III, Camouflage Green #483, 550#
tensile strength

Stitching: Nylon thread, V-T-295, Type I/II, Class A, Camouflage
Green #483, Size E

All G-14 34 Ft. Cargo Assemblies are manufactured using the latest revision of material listed in Technical Data. All material colors were changed to the new U.S. Army color, Camouflage Green #483 in 1995.

All G-14 34 Ft. Cargo Assemblies are manufactured in strict accordance with Cargo Parachute U.S. Military Specifications MIL-P-43649, latest revision.

All G-14 34 Ft. Cargo Assemblies are preserved, packaged and packed in accordance with U.S. Military Specifications or customer's specific packaging instructions.

34 FT. DIAMETER G-14 CARGO PARACHUTE

The 34 Ft. G-14 Cargo Parachute was developed in the early 1970's primarily for airdrops up to 500# load. The G-14 Ft. Canopy has 32 gores, each of which contains 2 annular rings, using the latest U.S. Military patterns for the required material. The G-14 packed assembly weighs 25 pounds.

The Deployment Bag, P/N 51D6553, and P/N 51D6554, Cotton Cloth, tapes and webbings were revised in 2002 to: Nylon Cloth, MIL-C-43375, Class 2, 12.2 oz., C.G. Tapes and webbings revised to PIA-T-5038, Class 2, as noted in technical data.

In its basic configuration, a single G-14 is capable of supporting a 200 to 500 lb. payload. Payloads up to 1,500 pounds can be handled with a cluster of three G-14's.