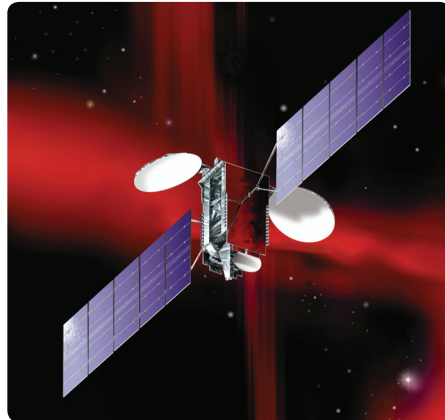


The most important thing we build is trust



Applications

Load, drain and vent spacecraft propellants, liquids and gases while preventing leakage.

Physical Specifications

Valve Types	Service, Fill/Drain, Fill/Vent
Body Materials	Stainless Steel, Titanium
Size	1/4" (0.635 cm) 3/8" (0.953 cm) 1/2" (1.27 cm)
Service Options	Anhydrous Ammonia, Argon, Deionized Water, Distilled Water, Fluorinert FC-77, Freon 113, Gelled IRFNA, Hydrogen, Hydrazine, Isopropanol, MMH, Monomethylhydrazide, Nitrogen Tetroxide, Xenon, Unsymmetric Dimethyl Hydrazine

- Available with or without External Cap

Performance Characteristics

- Varying material properties allow for different operating conditions (pressure, temperature range, etc.)
- Varying O Rings are used depending upon the service usage.
- Valves can be customized for size, weight and the mounting configuration.

Programs Include

A2100	BSAT	Classified
Delta IV	ERBS	GLAST
IUS	Mars Observer	MMU
Satellite	SIET	StarBus
Telstar 4		

Cobham service valves trace their heritage back to 1975 with the start of the Viking program. Over 150 service valve variants have been produced and flown on various satellites, space probes and classified missions. Many types of service valves are available to meet specific needs. Changing the material properties allows the valves to function in different operating conditions.

- “Metal to Metal” primary seal.
- Redundant seals with THIRD SEAL (Tertiary Cap) available.
- Over 150 variants designed, qualified, produced and flown on satellites, space probes, and launch vehicles .
- Service pressure up to 10,000 psig available.
- Seat leakage < 1 x10⁻⁶ SCCS GHe.

Cage Code 62323

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