

Parachute Drag Coefficient Master List

Manufacturer	Chute type/Name	Material	Drag Coefficient
Aerotech	Standard/ Flat	Nylon	0.75
Apogee Components	Standard/ Flat	Printed Nylon	0.75
ASP	Standard/ Flat	Nylon, Mylar	0.75
ASP	X-form	Nylon	~0.62
Balsa Machining	Standard/ Flat	Nylon	0.75
Binder Design	Octagon/ Flat	Nylon	0.75
Binder Design	X-form	Nylon	~0.62
Custom	Standard/ Flat	Plastic	0.75
Custom	Streamer	UNK	UNK
Dragon Rocketry	Parabolic cupped	Nylon	0.45
Dragon Rocketry	Hemispherical	Nylon	1.47
Dragon Rocketry	Semi-Hemispherical	Nylon	1.47
Dragon Rocketry	Flat	Nylon	0.75
Edgeflyte	Elliptical/Hemispherical	Nylon	1.85
Estes	Standard/ Flat	Nylon, Plastic	0.75
Explorer by VRS	Toroidal/ VPD	Nylon	2.1
Explorer by VRS	Elliptical	Nylon	1.6
Explorer by VRS	Modified Ballute/ Drogue	Silicone Nylon	.80
Front Range Rocket Recovery	Elliptical/ Extended Skirt	Nylon	1.5 (est)
Fruity Chutes	Toroidal/ Iris	Nylon	2.2
Fruity Chutes	Elliptical	Nylon	1.6
Fruity Chutes	Hemispherical/ Tarc	Nylon	1.5
Giant Leap Rocketry	TAC-1	Silicone Nylon	1.25
Giant Leap Rocketry	TAC-9	Silicone Nylon	1.7
Happychutes	Standard/ Flat	Nylon	0.75
Happychutes	Elliptical	Nylon	1.5
LOC Precision	Standard/ Flat	Nylon	0.76
Madcow Rocketry	Standard/ Flat	Nylon	0.75
Morerockets.com	Standard/ Flat	Nylon	0.75
North Coast Rocketry	Standard/ Flat (not specified)	Nylon	0.75

Public Missiles LTD	Conical, 15 degree	Nylon	0.85
Recon Recovery	Modified cruciform	Nylon	1.5
Rocketarium	Standard/ Flat	Nylon	0.75
Rocketman	Standard/ Cupped Parabolic	Nylon	0.83* (0.97)
Rocketman	Modified cruciform/ Tarc	Nylon	0.88* (1.5)
Rocketman	Polyconical/ Apollo11 NASA	Nylon	1.27
Rocketman	Polyconical/ Proud American	Nylon	1.27
Rocketman	Polyconical/ Star Polyconical	Nylon	1.27
Rocketman	Polyconical/ SpaceX inspired	Nylon	1.27
Rocketman	Disk Gap Band Variant	Nylon	0.55* (1.27)
Rocketman	Modified Slotted Conical/ Ringsail Representation	Nylon	0.8* (0.85)
Rocketman	Annular	Nylon	0.99
Semroc	Standard/ Flat	Plastic	0.75
Sky Angle	Modified cruciform/ Classic	Nylon	1.17* (1.54avg)
Sky Angle	Modified cruciform/ Cert-3	Nylon	0.93* (1.98avg)
Spherachutes	Hemispherical	Nylon	0.75
Spherachutes	Modified cruciform/ Apex drogue	Nylon	0.61
Top Flight Recovery	Standard/ Flat	Nylon	0.75
Top Flight Recovery	X-Type	Nylon	~0.62
Top Flight Recovery	Modified cruciform into semi-elliptical	Nylon	0.92

*Actual drag coefficient calculated from Vendor's data or legacy data. The number in the parenthesis is the Vendor's stated drag coefficient.

Note: Best efforts were made to ensure accuracy of this list, but with only access to Vendor's public data some assumptions may have been made to complete this list. Reach out to the Vendor directly with questions about specific information. Any data with a '*' differs from the Vendor's stated performance and this is based on approximate calculations from legacy test data found in professional references or the descent rate vs weight data provided by the Vendor. No information contained within this document encourages or discourages purchasing from any vendor.