

Technical Specification for 400gm Meteorological Balloon

SPECIFICATION	CPR-400
Weight, gm	400
Payload, gm	250
Recommended Free Lift, gm	630
Nozzle Lift, gm	880
Gross Lift, gm	1230
Diameter at release, m	1.3
Rate of ascent, m/min	325
Diameter at burst, m	4.10
Average Bursting Altitude, km	24
Neck Diameter, cm	6.0
Neck Length, cm	16.0
Colour	White/Natural

Note: Small or Large Neck Diameter does not affect Balloon Performance

Diameter at release is for recommended free lift and above mentioned payload. Should free lift or payload weight change, the diameter at release will consequently change.