



Surgical Precision, Effortless Performance."



Adress: Pendik - Istanbul / Türkiye • **Phone:** +90 850 840 75 46
E-Mail: info@skybiotechnology.com • **Web:** <https://skybiotechnology.com>

OPHTHALMIC VISCOELASTIC SURGICAL DEVICE

	1.0%	1.2%	1.4%	1.6%	1.8%	2.0%	3.0%	3.0%
Classification	Cohesive	Cohesive	Cohesive	Cohesive	Cohesive	Cohesive	High Cohesive	Dispersive
Concentration	10 mg/mL (%1,0 HA)	12 mg/mL (%1,2 HA)	14 mg/mL (%1,4 HA)	16 mg/mL (%1,6 HA)	18 mg/mL (%1,8 HA)	20 mg/mL (%2,0 HA)	30 mg/mL (%3,0 HA)	30 mg/mL (%3,0 HA)
Composition	Sodium Hyaluronate in Phosphate Saline Buffer	Sodium Hyaluronate in Phosphate Saline Buffer	Sodium Hyaluronate in Phosphate Saline Buffer	Sodium Hyaluronate in Phosphate Saline Buffer	Sodium Hyaluronate in Phosphate Saline Buffer	Sodium Hyaluronate in Phosphate Saline Buffer	Sodium Hyaluronate in Phosphate Saline Buffer	Sodium Hyaluronate in Phosphate Saline Buffer
Source	Biofermantation	Biofermantation	Biofermantation	Biofermantation	Biofermantation	Biofermantation	Biofermantation	Biofermantation
Molecular Weight	3,200.000 Daltons	3.200,000 Daltons	3,200,000 Daltons	3,200,000 Daltons	3,200,000 Daltons	3,200,000 Daltons	3.200,000 Daltons	800,000 Daltons
pH	6.8-7.6 °C	6.8-7.6 °C	6.8-7.6 °C	6.8-7.6 °C	6.8-7.6 °C	6.8-7.6 °C	6.8-7.6 °C	6.8-7.6 °C
Viscosity	60000m Pas	130000m Pas	200000m Pas	400000m Pas	600000m Pas	900000m Pas	1800000m Pas	50000m Pas
Osmolality	280-400 m Osmo/ kg	280-400 m Osmo/ kg	280-400 m Osmo/ kg	280-400 m Osmo/ kg	280-400 m Osmo/ kg	280-400 m Osmo/ kg	280-400 m Osmo/ kg	280-400 m Osmo/ kg
Full Size	0.55 mL 0.85 mL 1.0 mL 1.5 mL	0.55 mL 0.85 mL 1.0 mL 1.5 mL	0.55 mL 0.85 mL 1.0 mL 1.5 mL	0.55 mL 0.85 mL 1.0 mL 1.5 mL	0.55 mL 0.85 mL 1.0 mL 1.5 mL	0.55 mL 0.85 mL 1.0 mL 1.5 mL	0.55 mL 0.85 mL 1.0 mL 1.5 mL	0.55 mL 0.85 mL 1.0 mL 1.5 mL
Storage Temperature	No need cold storage +2°C to +25°C	No need cold storage +2°C to +25°C	No need cold storage +2°C to +25°C	No need cold storage +2°C to +25°C	No need cold storage +2°C to +25°C	No need cold storage +2°C to +25°C	No need cold storage +2°C to +25°C	No need cold storage +2°C to +25°C
Self Li'fe	36 months	36 months	36 months	36 months	36 months	36 months	36 months	36 months



The unique combination of a high molecular weight and sodium hyaluronate (HA) concentration creates a specialized OVD (Ophthalmic Viscoelastic Device) suitable for cataract surgery.