

### Superior Cohesivity

- ▶ Reliable anterior chamber maintenance
- ▶ Easy to inject with high pseudo-plasticity index
- ▶ Easy to aspirate with high molecular weight
- ▶ 6 options at different zero shear viscosities

### Ultra Dispersive

- ▶ Remarkable security and high protection
- ▶ Superior endothelial cell protection
- ▶ Cushioning tissue from damage during cataract lens fragmentation and IOL injection
- ▶ Better retention within the eye



- Bio-fermented sodium hyaluronate production
- Non-immunogenic
- Excellent biocompatibility
- Non-pyrogenic
- Outstanding optical clarity

- Double sterilization
- No refrigeration required
- Wide concentration range
- 1.1 ml high filling volume
- Latex-free




# Protectalon

Na Hyaluronate

1.0% 1.2% 1.4% 1.6% 1.8% 2.0% 3.0% DUO



	Concentration	Molecular Weight	Zero Shear Viscosity	Osmolality	Storage Condition	pH Value	Characteristic	Volume	Origin	Cannula	Sterilization Method
<b>Protectalon 1.0%</b> 	10 mg/ml	Appr. 3.0M Da	60.000 mPas	300 - 350 mOsm/kg	2-25°C	6.8 – 7.6	Cohesive	1,1 ml	Biofermented	27G	Steam & ETO
<b>Protectalon 1.2%</b> 	12 mg/ml	Appr. 3.0M Da	130.000 mPas	300 - 350 mOsm/kg	2-25°C	6.8 – 7.6	Cohesive	1,1 ml	Biofermented	27G	Steam & ETO
<b>Protectalon 1.4%</b> 	14 mg/ml	Appr. 3.0M Da	200.000 mPas	300 - 350 mOsm/kg	2-25°C	6.8 – 7.6	Cohesive	1,1 ml	Biofermented	27G	Steam & ETO
<b>Protectalon 1.6%</b> 	16 mg/ml	Appr. 3.0M Da	400.000 mPas	300 - 350 mOsm/kg	2-25°C	6.8 – 7.6	Cohesive	1,1 ml	Biofermented	27G	Steam & ETO
<b>Protectalon 1.8%</b> 	18 mg/ml	Appr. 3.0M Da	600.000 mPas	300 - 350 mOsm/kg	2-25°C	6.8 – 7.6	Cohesive	1,1 ml	Biofermented	27G	Steam & ETO
<b>Protectalon 2.0%</b> 	20 mg/ml	Appr. 3.0M Da	900.000 mPas	300 - 350 mOsm/kg	2-25°C	6.8 – 7.6	Cohesive	1,1 ml	Biofermented	27G	Steam & ETO
<b>Protectalon 3.0%</b> 	30 mg/ml	Appr. 0.75M Da	30.000 mPas	300 - 350 mOsm/kg	2-25°C	6.8 – 7.6	Dispersive	1,1 ml	Biofermented	25G	Steam & ETO
<b>Protectalon DUO</b> 	14 mg/ml	Appr. 3.0M Da	200.000 mPas	300 - 350 mOsm/kg	2-25°C	6.8 – 7.6	Cohesive	1,1 ml	Biofermented	27G	Steam & ETO
	30 mg/ml	Appr. 0.75M Da	30.000 mPas				Dispersive			25G	

Please refer to our web pages for the most up-to-date references.