

General Information

Product name	Classification	Singlepack content	Multipack content	Origin	Volume (ml)	Substance	Concentration I (%)	Concentration II (mg/ml)
Overall comforter								
VISTHESIA 1.0%	Viscous-cohesive	1 x intracameral syringe 1 x 27 G cannula 2 x topical ampules (see below*)	–	Bacterial fermentation	0.8	Sodium Hyaluronate Lidocaine Hydrochloride	1.0 1.0	10 10
VISTHESIA 1.5%	Viscous-cohesive	1 x intracameral syringe 1 x 27 G cannula 2 x topical ampules (see below*)	–	Bacterial fermentation	0.8	Sodium Hyaluronate Lidocaine Hydrochloride	1.5 1.0	15 10
*VISTHESIA topical ampule ¹	n/a	2 x topical ampules	–	Bacterial fermentation	2 x 0.3	Sodium Hyaluronate Lidocaine Hydrochloride	2 x 0.3 2.0	2 x 3 20
VISTHESIA 1.0% intra ²	Viscous-cohesive	1 x intracameral syringe 1 x 27 G cannula	–	Bacterial fermentation	0.8	Sodium Hyaluronate Lidocaine Hydrochloride	1.0 1.0	10 10
VISTHESIA 1.5% intra ²	Viscous-cohesive	1 x intracameral syringe 1 x 27 G cannula	–	Bacterial fermentation	0.8	Sodium Hyaluronate Lidocaine Hydrochloride	1.5 1.0	15 10
Multitalents								
COMBIVISC	Viscous-cohesive	1 x intracameral syringes 1 x 25 G cannulas	5 x intracameral syringes 5 x 25 G cannulas	Bacterial fermentation	1.0	Sodium Hyaluronate	1.5	15
	Medium-viscosity dispersive	1 x intracameral syringes 1 x 25 G cannulas	5 x intracameral syringes 5 x 25 G cannulas	Bacterial fermentation	0.85	Sodium Hyaluronate	3.0	30
TWINVISC	Medium-viscosity dispersive	1 x two-chamber intracameral syringe 1 x 25 G cannula	–	Bacterial fermentation	0.7	Sodium Hyaluronate	2.2	22
	Viscous-cohesive	1 x 25 G cannula	–	Bacterial fermentation	0.7	Sodium Hyaluronate	1.0	10
Protecting layers								
Z-CELCOAT	Low-viscosity dispersive	1 x intracameral syringe 1 x 23 G cannula	10 x intracameral syringes 10 x 23 G cannulas	Botanical	2.1	Hydroxypropyl-methylcellulose	2.0	20
Z-HYALCOAT	Medium-viscosity dispersive	1 x intracameral syringe 1 x 25 G cannula	10 x syringes 10 x 25 G cannulas	Bacterial fermentation	0.85	Sodium Hyaluronate	3.0	30
Space creators								
Z-HYALIN	Viscous-cohesive	1 x intracameral syringe 1 x 27 G cannula	10 x intracameral syringes 10 x 27 G cannulas	Bacterial fermentation	1.0	Sodium Hyaluronate	1.0	10
Z-HYALIN plus	Viscous-cohesive	1 x intracameral syringe 1 x 27 G cannula	10 x intracameral syringes 10 x 27 G cannulas	Bacterial fermentation	1.0	Sodium Hyaluronate	1.5	15
Z-HYALON	Viscous-cohesive	1 x intracameral syringe 1 x 27 G cannula	10 x intracameral syringes 10 x 27 G cannulas	Rooster comb	0.55 or 0.85	Sodium Hyaluronate	1.0	10
Z-HYALON plus	Super-viscous cohesive	1 x intracameral syringe 1 x 27 G cannula	10 x intracameral syringes 10 x 27 G cannulas	Rooster comb	0.55	Sodium Hyaluronate	1.4	14

¹ Not available individually; only available with VISTHESIA 1.0% or 1.5%

² VISTHESIA intra version does not contain 2 topical ampules

Technical Information

Product name	Molecular weight (megadalton) ³	Zero-shear viscosity (Pa s) ⁴	CDI	Pseudo-plasticity	Osmolality (mOsmol/kg)	Storage temperature (°C)
Overall comforter						
VISTHESIA 1.0%	2.9	72	39	75	280–330	2–8
VISTHESIA 1.5%	2.9	295	44	133	280–330	2–8
VISTHESIA Topical ampule ¹	2.9	1	n/a	n/a	270–320	2–8
VISTHESIA 1.0% intra ²	2.9	72	39	75	280–330	2–8
VISTHESIA 1.5% intra ²	2.9	295	44	133	280–330	2–8
Multitalents						
COMBIVISC	Cohesive 2.9	Cohesive 295	Cohesive 44	Cohesive 133	Cohesive 300–360	2–8
	Dispersive 1.0	Dispersive 47	Dispersive 39	Dispersive 10	Dispersive 300–360	2–8
TWINVISC	Dispersive 1.0	Dispersive 14	Dispersive 26	Dispersive 8	Dispersive 300–360	2–8
	Cohesive 2.1	Cohesive 18	Cohesive 36	Cohesive 18	Cohesive 300–350	2–8
Protecting layers						
Z-CELCOAT	0.086	5	28	16	280–320	2–30
Z-HYALCOAT	1.0	47	18	10	300–360	2–8
Space creators						
Z-HYALIN	2.9	72	39	75	300–350	2–8
Z-HYALIN plus	2.9	295	44	133	300–360	2–8
Z-HYALON	5.0	1.000	>30	389	310	2–8
Z-HYALON plus	5.0	3.300	>30	549	320	2–8

All OVDs are latex and phthalate free and have a pH range between 6.8 and 7.6.

The shelf life for all OVDs is 3 years except for TWINVISC, which has a shelf life of 2 years.

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² VISTHESIA intra version does not contain 2 topical ampoules

³ Megadalton = 1 million Dalton

⁴ 1Pa s = 1000 mPa s

ZEISS OVD Portfolio

Supporting each step of the ophthalmic procedure

