



Gel bases reference chart

Aqueous bases	NovaFilm™ gel base	VersaPro™ gel base	HRT gel base	PLO gel MediFlo™ 30	Hydrogel
Product no.	3187	2636	2257	2539 / 2501	2298
Appearance	Off-white to pale amber, viscous gel	Clear to slightly hazy, viscous gel	Clear, S/W gel	Viscous yellowish PLO gel	Clear S/W gel
Description	<ul style="list-style-type: none"> Concentrated mucoadhesive gel for application to mucosa Versatile vehicle for lipophilic and hydrophilic drugs Can be used as-is, diluted with water or in combination with other vehicles for different dosage forms Proven mucoadhesive properties through In Vitro bioadhesion testing** Clinically tested with estriol** Film-forming, non-greasy Vaginal safety testing 	<ul style="list-style-type: none"> Versatile vehicle for lipophilic and hydrophilic drugs In Vitro permeation studies with diclofenac sodium, ketoprofen and lidocaine hydrochloride Hypoallergenic - dermatologist tested Quick drying, non-greasy Compatible with acids and hydroquinone Acts as an ultrasound gel Contains non-comedogenic ingredients 	<ul style="list-style-type: none"> Vehicle for lipophilic drugs Practically odorless Quick drying Non-greasy Contains liposomes 	<ul style="list-style-type: none"> Vehicle for lipophilic and hydrophilic drugs Slightly sticky Available as a ready-to-use pre-mixed 30 PLO (2501) or in a kit (2539) consisting of two separate components: Lipmax™ (lecithin/IPP) and pluronic gel 30% Characteristic odor Compatible with high concentrations (>=10%) and salt forms 	<ul style="list-style-type: none"> Vehicle for lipophilic (mainly) and hydrophilic drugs Slightly sticky upon application Acts as an ultrasound gel
Vanishing properties	●●●●	●●●●●	●●●●●	●●●●	●●●●●
Viscosity	●●●●	●●●●●	●●●●	●●●●●	●●●●
Dermatological use	●●●●	●●●●●	●●●●	●●●●	●●●●
Cosmetic use (standalone)	●●●●	●●●●	●●●●	●●●●	●●●●
Vaginal use	✓	✓	X	X	X
Stable at 40 °C (104 °F)	✓	✓	✓	✓	✓
API compatibility	●●●●●	●●●●●	●●●●	●●●●	●●●●
Salt tolerance	✓	✓	X	✓	X
API carrying capacity	●●●●	●●●●●	●●●●	●●●●●	●●●●
Passed preservative system test USP <51>	✓	✓	N/A	✓	N/A
Mineral oil and petrolatum-free	✓	✓	✓	✓	✓
Alcohol-free	✓	✓	X	✓	✓
Paraben-free	✓	✓	✓	✓	✓
Water activity <0.6	X	X	X	X	X
Formulas on stability program	N/A	F 008 946 F 009 191	N/A	F 008 947 F 008 219 F 008 996 F 009 560	N/A

Legend: ✓ = Yes X = No ● = Low ●● = Good ●●● = Great ●●●● = Excellent S/W = Silicone in water

*In Vitro percutaneous absorption of (¹⁴C)-diclofenac sodium from prototype formulations using human skin, conducted by Dow Pharmaceutical Sciences, Inc.

** In Vitro comparative bioadhesion testing as conducted by Rheology Lab and Interktek, and physician-directed clinical case study with intravaginal estriol in NovaFilm™ gel base.

The information presented is not geared toward any indication whatsoever and is solely at the discretion and judgment of the duly licensed medical practitioner. It is the responsibility of the licensed pharmacist or other appropriately licensed professional to determine if the products referenced herein are appropriate for the specific use. Medisca cannot be responsible and shall not be responsible for customer's use of the information contained in this suggested product information sheet.

Anhydrous bases	VersaPro™ anhydrous base	OleaBase™ plasticized	Ointment base (emulsifying)	AlpaWash®	CopaSil®
Product no.	3220	2575	0937	2953	2952
Appearance	Off-white to light yellowish translucent gel	Soft, colorless ointment	Waxy, white to off-white ointment	Yellow ointment with characteristic propolis odor	Dry-feel silicone gel
Description	<ul style="list-style-type: none"> Anhydrous versatile drug delivery vehicle for lipophilic and hydrophilic APIs Allows for longer default BUDs as per USP <795> and NAPRA Contains synergistic combination of skin permeation enhancers and emollients to promote absorption of APIs Formulated with film forming agents to promote long lasting delivery of APIs Superior non-greasy sensory experience with water-resistant formulation Contains silicone 	<ul style="list-style-type: none"> Topical vehicle for lipophilic and hydrophilic drugs Occlusive base for anaesthetics Ideal for dental applications and mucous membranes Contains mineral oil Petrolatum-free 	<ul style="list-style-type: none"> Topical vehicle for lipophilic and hydrophilic drugs Can be used alone as a protectant or emollient Forms O/W emulsion with small amounts of aqueous solutions (ex coal tar solution) 	<ul style="list-style-type: none"> Occlusive vehicle containing natural ingredients (e.g. green propolis) intended for compounded wound preparation In Vivo study available in wound & scar brochure In Vitro antimicrobial study on green propolis Hypoallergenic - dermatologist tested 	<ul style="list-style-type: none"> Occlusive vehicle with natural ingredients (e.g. copaiba oil) intended for compounded scar preparation In Vitro antimicrobial study on copaiba oil vs pracaxi oil Hypoallergenic - dermatologist tested
Vanishing properties	●●●●	●●●●	●●●●	●●●●	●●●●
Viscosity	●●●●	●●●●	●●●●	●●●●	●●●●
Dermatological use	●●●●	●●●●	●●●●	●●●●	●●●●
Cosmetic use (standalone)	●●●●	●●●●	●●●●	●●●●	●●●●
Vaginal use	X	✓	X	X	X
Stable at 40 °C (104 °F)	✓	✓	✓	✓	✓
API compatibility	●●●●	●●●●	●●●●	●●●●	●●●●
Salt tolerance	✓	✓	✓	✓	✓
API carrying capacity	●●●●	●●●●	●●●●	●●●●	●●●●
Passed preservative system test USP <51>	N/A	N/A	N/A	N/A	N/A
Mineral oil and petrolatum-free	✓	X	X	✓	✓
Alcohol-free	✓	✓	✓	✓	✓
Paraben-free	✓	✓	✓	✓	✓
Water activity <0.6	✓	✓	✓	✓	✓
Formulas on stability program	N/A	N/A	N/A	N/A	N/A

Legend: ✓ = Yes X = No ● = Low ●● = Good ●●● = Great ●●●● = Excellent S/W = Silicone in water

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For more information

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