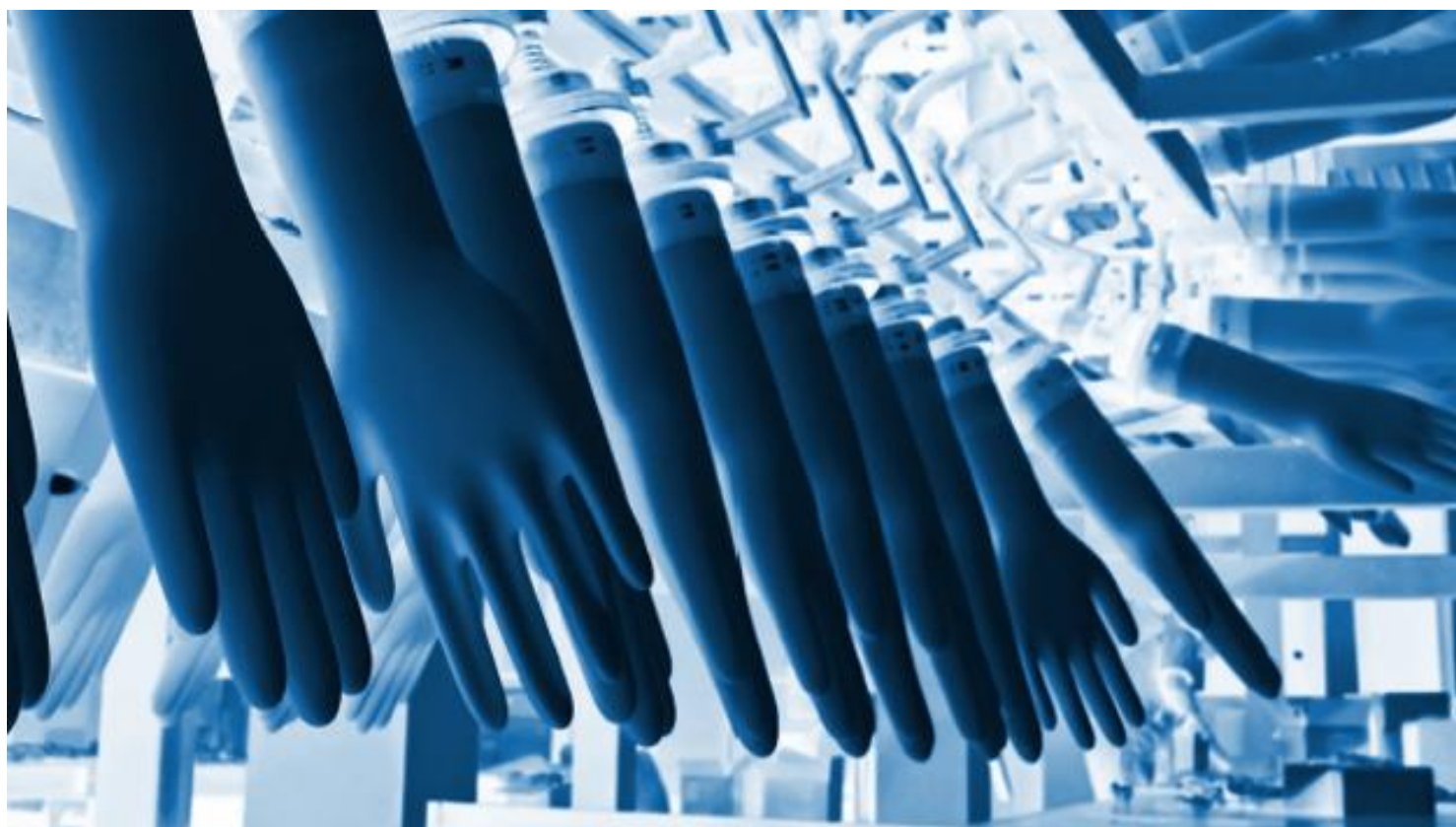




NBR glove dipping

Latex, curing paste and auxiliary products for NBR glove dipping

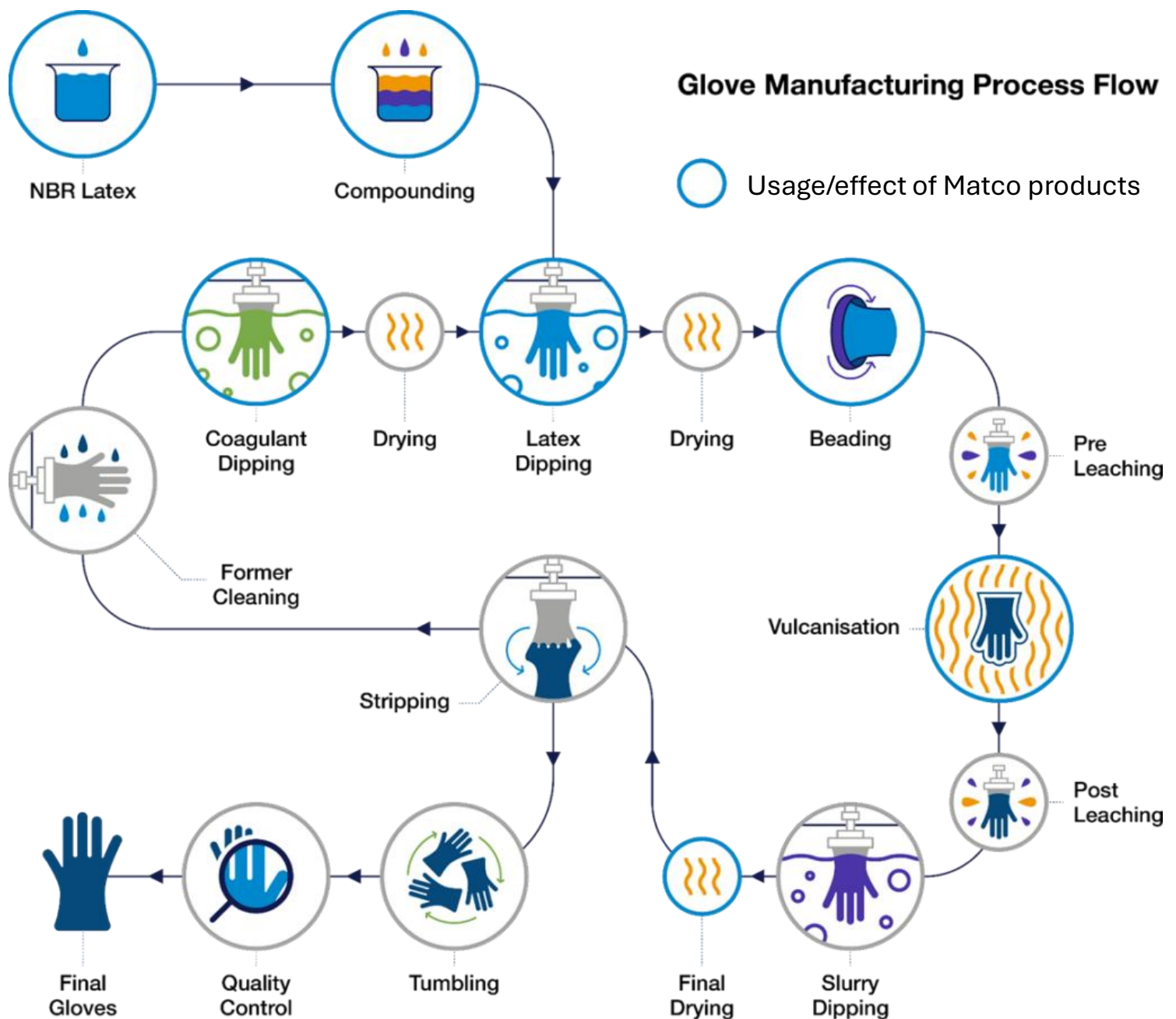
- ❖ Market leading NBR latex dispersion and curing packages to meet ASTM and EN standards.
- ❖ Auxiliary products available for each process stage to suit your process requirements.



Product Properties



The one-stop shop for materials in NBR glove dipping process



Product Properties

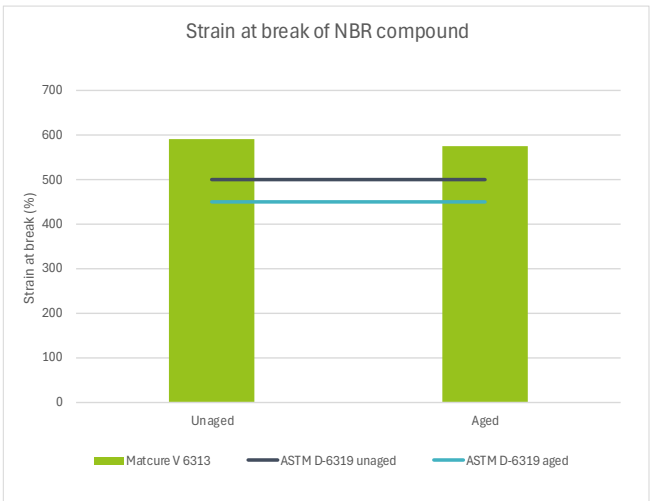
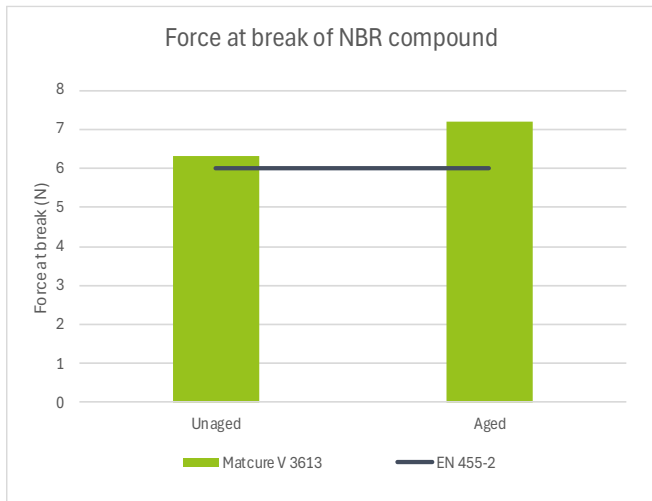


Glove properties made with NBR Latex

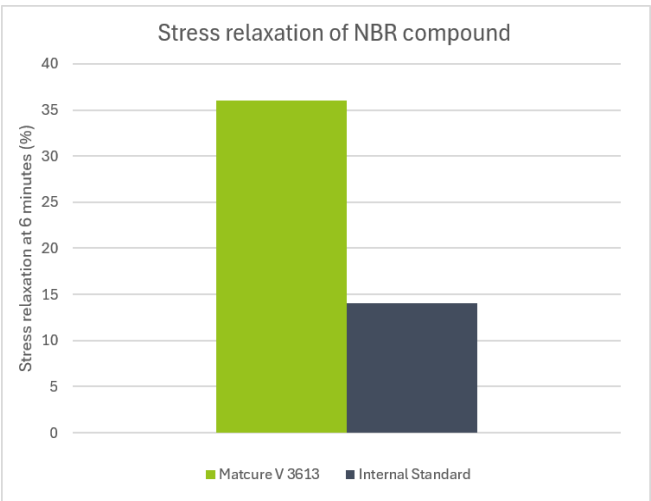
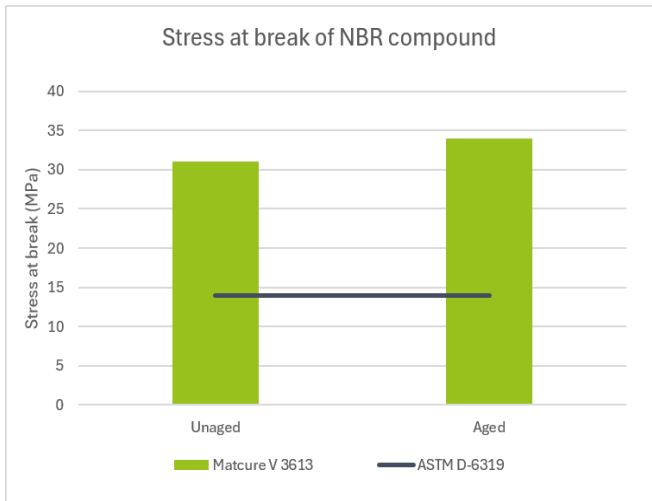
Below are typical properties of gloves made with NBR Latex containing our curing system **Matcure V 3613** at a glove weight of ca. 3.5 g, cured at 120°C for 20 minutes.

Our product range offers a spectrum of properties to suit your requirements, and we can also tailor-make the curing system and auxiliary products to suit your process and final glove performance.

Force and strain at break (EN and ASTM standards are the minimum requirements)



Stress at break and stress relaxation (ASTM and internal standards are the minimum requirements)

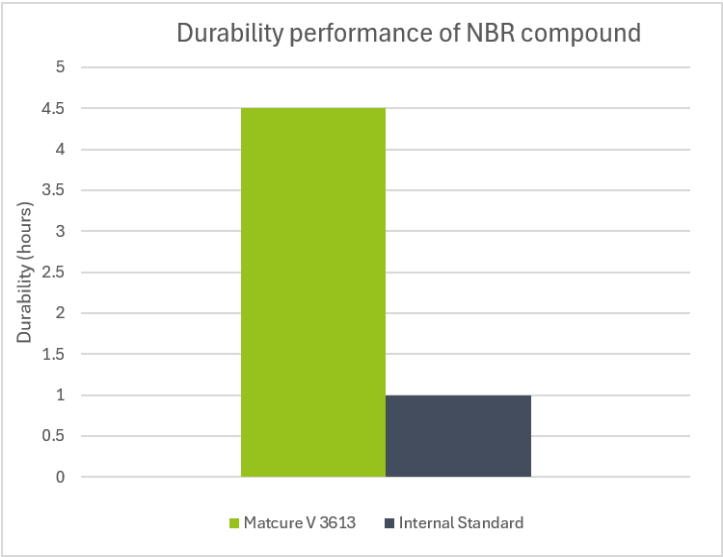


Product Properties

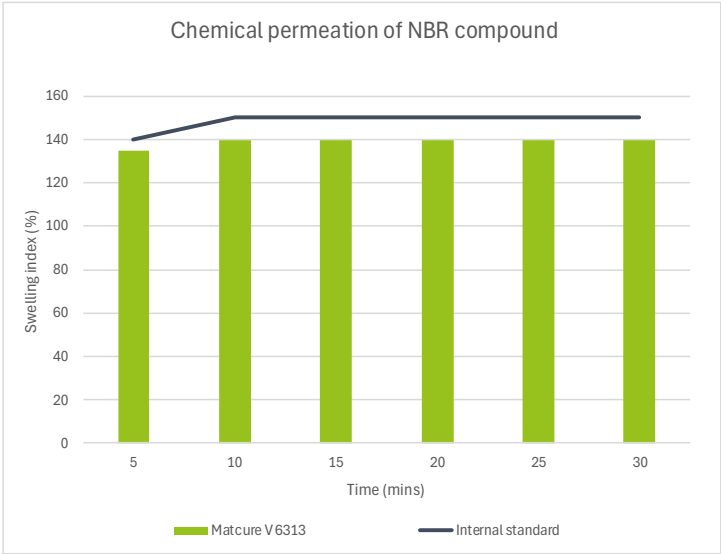
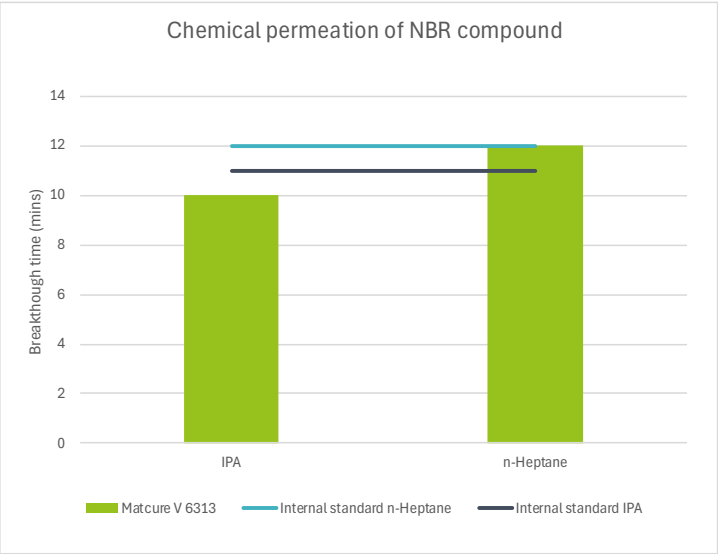


Durability, chemical permeation and solvent swell

With our range of curing systems, we can support you in achieving high-quality gloves with robust strength and a range of flexible or stretch property, as well as offering good durability according to international and internal standards. At the same time, the gloves also exhibit good chemical permeation performance.



Chemical Permeation



Product Portfolio



NBR Latex Glove Dipping Portfolio



Product	Type	Solid Content	Function
MATCOTEX CL 9408	NBR Latex	42%	Formulated dipping latex
MATCURE V 3613	Vulcanisation paste	60%	Curing system
COAGULANT 3600	Coagulant	56%	Formulated coagulant
DIPCOAT 3300	Polymer coating	35%	Donning, powder-free

Pigment Dispersion	Concentrated Colour	Solid content	Function
ADDIMAT BLACK 3210		28%	Black colourant
ADDIMAT BLUE 3521		45%	Blue colourant – non-staining
ADDIMAT GREEN 3502		57%	Green colourant
ADDIMAT ORANGE 3516		51%	Orange colourant
ADDIMAT RED 3315		32%	Red colourant
ADDIMAT VIOLET 3311		38%	Violet colourant
ADDIMAT WHITE 3511		53%	White colourant – TiO ₂

Curing Additives	Type	Solid content	Function
MATCURE D 3512	Crosslinker	50.5%	ZnO dispersion – 50% active
MATCURE D 3605	Crosslinker	63.5%	Sulphur dispersion – 60% active
MATCURE D 3603	Co-accelerator	60%	ZDEC dispersion – 57% active
ADDIMAT AO 3504	Antioxidant	53%	AO dispersion – unlabelled

Auxiliary Product	Type	Solid content	Function
ADDIMAT 3010	Defoaming agent	100%	Defoamer
ADDIMAT 3507	Release agent	50%	Demoulding aid
ADDIMAT 3701	Wetting agent	1%	Reduces surface tension
MATSURF 3304	Surfactant	31%	Latex stabiliser
ADDIMAT WAX	Wax dispersion	50%	Antiblocking, anti-tack, antiozonant

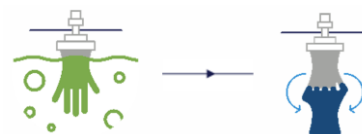


For further details or questions about our products, please contact the Matco Chemicals commercial team indicated at the end of the brochure.

Application guide



Typical recipes in dipping process



Ingredient	Quantity	Manufacturing Conditions	
MATCOTEX CL 9408	100 parts dry	Auxiliary components to be added if required (see options in product portfolio page)	
MATCURE V 3613	4,9 parts dry	Compound mature time	3 hours (minimum)
ADDIMAT BLUE 3521	1 part dry	Typical curing schedule	120°C for 10 to 20 minutes, depending on film thickness

Typical compounding recipe for disposable gloves (compounding solid content at 18–20%)

Ingredient	Quantity	Manufacturing Conditions	
COAGULANT 3600	Dilute with water to 18 – 20% total dry solid	Drying Temperature	100°C for 1 – 3 minutes

Typical coagulant bath recipe

Ingredient	Quantity	Manufacturing Conditions	
DIPCOAT 3300	Dilute with water to 2 – 4% total dry solid	Drying Temperature	100°C for 1 – 3 minutes

Typical dipcoat bath recipe



Tailor-made ready-for-use customised blends are possible, please contact our commercial team for details.

**Latex, curing paste
and auxiliary products
for NBR glove dipping**



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