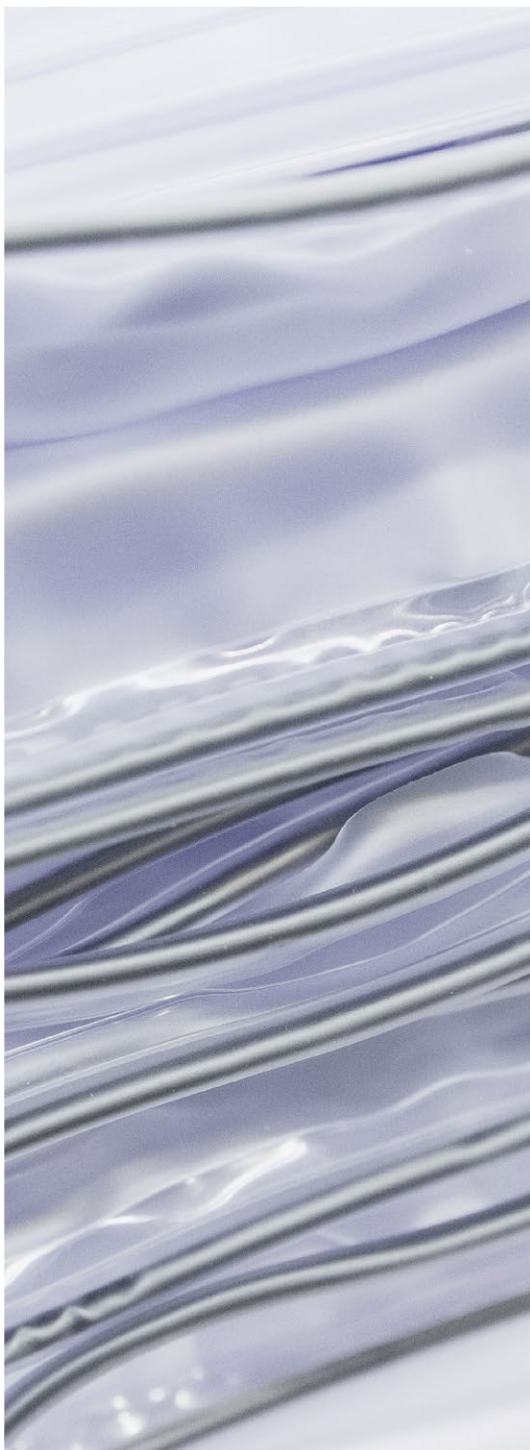


Material

VINYL POLYCHLORIDE P / FLEXIBLE PLASTICIZED



Flexible polyvinyl chloride film – PVC, transformed by calendering. **Compatible** with **cleaning agents, decontamination** and **disinfection**. Welds adapted to manipulations in glove boxes and isolators: **resistant, soft, smooth, elastic** and **waterproof**.

Flexibility



Mechanical properties



Chemical resistance



Price





MATERIALS



PVC¹ 0,2 mm - TA -
Grain n°4



PVC¹ 0,3 mm - TA -
Grain n°4



PVC¹ 0,5 mm - TA -
Grain n°4



PVC¹ 0,15 mm -
Pink - M1



PVC¹ 0,2 mm -
Pink² - M1



PVC¹ 0,3 mm -
Whitish satin, M1



PVC¹ 0,15 mm -
White



PVC¹ 0,3 mm -
Red - Grain n°4



PVC¹ 0,5 mm -
White



PVC¹ 0,75 mm -
White

(1) Polyvinyl chloride (2) Selfextinguishing

PHYSICAL DATA

Transparency Optical Quality	PVC ¹ 0,2 mm - TA - Grain n°4 PVC ¹ 0,3 mm - TA - Grain n°4 PVC ¹ 0,5 mm - TA - Grain n°4 PVC ¹ 0,15 mm - Pink - M1 PVC ¹ 0,2 mm - Pink ² - M1	+
Mechanical performances		1,3 - 11 N/mm
Elongation Flexibility		100 - 400%

CHEMICAL DATA

Saturated steam solution < 20% at a temperature < 50° C	Performances
Acids with strong diluted normalities	++
Basses of strong normalities diluted	++
Compatibility with cleaning agents	+++
Compatibility with disinfectants	+++
Aromatic and ketone solvents	+
Other solvents	++
Oils and fats	++

+ Unsatisfactory quality ++ Limited quality +++ Satisfactory quality

RECOMMENDATIONS - GUARANTEE

Recommendations - Warranty	15°C - 30°C
Guarantee of storage away from light, original carton closed	24 months



To know more about the products,
consult the specific sheets.

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Material

CRYSTAL POLYVINYLCHLORIDE VINYL P / PLASTIFIED



Flexible polyvinyl chloride film. Very good flexibility. Compatible with cleaning agents, decontamination and disinfection. Adapted welding handling in glove boxes and isolators: **resistant, flexible, smooth, elastic and waterproof.**

Flexibility



Mechanical properties



Chemical resistance



Price





MATERIALS



PVC* Flexible crystal
0,15 mm



PVC* Flexible crystal
0,3 mm



PVC* Flexible crystal
0,4 mm



PVC* Flexible crystal
0,48 mm



PVC* Crystal pressed
1 mm

* Polyvinyl chloride

PHYSICAL DATA

Transparency Optical Quality	PVC * Flexible crystal 0,15 mm PVC * 0,3mm soft crystal PVC * Flexible crystal 0,4 mm PVC * Flexible crystal 0,48 mm	++
	PVC * Crystal pressed 1 mm	+++
Mechanical performance		4 - 20 N/mm
Lengthening Flexibility		> 300%

CHEMICAL DATA

Saturated steam solution < 20% at a temperature < 50°C	Performances
Acids with strong diluted normalities	++
Bases of strong normalities diluted	++
Compatibility with cleaning agents	+++
Compatibility with disinfectants	+++
Aromatic and ketone solvents	+
Other solvents	++
Oils and fats	++

+ Unsatisfactory quality ++ Limited quality +++ Satisfactory quality

RECOMMENDATIONS – GUARANTEE

Recommendations - Warranty	15°C - 30°C
Guarantee of storage away from light, original carton closed	24 months



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Material

POLYURETHANE



Flexible **polyurethane film**.
Excellent mechanical protection.
Excellent flexibility and **dexterity**.
Good behavior solvents.
Good aging behavior natural.

Flexibility



Mechanical properties



Chemical resistance



Price





MATERIALS



Translucent PUR¹
0.2 mm "N G" ²



Translucent PUR¹
0.3 mm "N G" ²



Translucent PUR¹
0.2 mm "G" ³



PUR¹ antistatic
translucent 0.3 mm

(1) Polyurethane - (2) No Slippery - (3) Grant

PHYSICAL DATA

Transparency Optical Quality	PUR ¹ translucent 0.2 mm "N G" ² PUR ¹ translucent 0,3 mm "N G" ²	++
	PUR ¹ translucent 0,2 mm "G" ³ PUR ¹ antistatic translucent 0,3 mm	+++
Mechanical Performance		7,5 -19 N/mm
Elongation Flexibility		680% to 800%

CHEMICAL DATA

Saturated steam solution < 20% at a temperature < 50° C	Performances
Strong acids of diluted normalities	+
Low strong diluted normalities	+
Compatibility with cleaning agents	+
Compatibility with disinfectants	+
Aromatic and ketone solvents	+
Other solvents	++
Oils and fats	++

+ Unsatisfactory quality ++ Limited quality +++ Satisfactory quality

RECOMMENDATIONS – GUARANTEE

Recommendations - Warranty	-30°C - 90°C
Guarantee of storage away from light, original carton closed	48 months



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Material

LIGHTWEIGHT COATED FABRIC

Flexible **polyester** and **polyvinyl chloride** film. **Excellent flexibility, good mechanical protection and dexterity.** **Very good resistance** to chemicals. **Possibility of a PVC overlay for reinforce the watertightness and improve chemical property.** **Compatible with cleaning and disinfecting agents.**

Flexibility



Mechanical properties



Chemical resistance



Price





MATERIALS



Lightweight coated fabric:
Pes/PVC* 320 g/m² -
White



Lightweight coated fabric:
Pes/PVC* 320 g/m² -
Blue



Lightweight coated fabric:
Pes/PVC* 320 g/m² -
Yellow



Lightweight coated fabric:
Pes/PVC* 320 g/m² -
Red

* Polyester / Polyvinyl chloride

PHYSICAL DATA

Mechanical performance	1,5 - 9 N/mm
Elongation flexibility	55% - 200%

CHEMICAL DATA

Saturated steam solution < 20% at a temperature < 50 °C	Performances
Acids with strong diluted normalities	++
Bases of strong normalities diluted	++
Compatibility with cleaning agents	+++
Compatibility with disinfectants	+++
Aromatic and ketone solvents	+
Other solvents	++
Oils and fats	++

+ Unsatisfactory quality ++ Limited quality +++ Satisfactory quality

RECOMMENDATIONS – GUARANTEE

Recommendations - Warranty	15°C - 30°C
Guarantee of storage away from light, original carton closed	24 months



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Material

HEAVY COATED FABRIC

Polyester and **polyvinyl chloride flexible film**. **Good flexibility, good protection mechanics and dexterity**. Very good chemical **resistance**. **Seal reinforced with PVC overlay** from the **light coated fabric**. **Compatible with cleaning and disinfecting agents**.

Flexibility



Mechanical properties



Chemical resistance



Price



COMPATIBLE WITH THE SPECIFICATIONS OF
THE HEALTH-PHARMACEUTICAL SECTOR



SANOFI PASTEUR





MATERIALS



Coated Fabric: Pes/PVC*
- Blue - 590 g/m²



Coated Fabric: Pes/PVC*
Lacquered - Yellow -
590 g/m²



Coated Fabric: Pes/PVC*
Lacquered - White -
590 g/m²



Coated Fabric: Pes/PVC*
Un lacquered - White -
590 g/m²

* Polyester / Polyvinyl chloride

PHYSICAL DATA

Mechanical performance	1,5 - 9 N/mm
Elongation Flexibility	55% - 200%

CHEMICAL DATA

Saturated steam solution < 20% at a temperature < 50 ° C	Performances
Acids with strong diluted normalities	++
Basses of strong normalities diluted	++
Compatibility with cleaning agents	+++
Compatibility with disinfectants	+++
Aromatic and ketone solvents	+
Other solvents	++
Oils and fats	++

+ Unsatisfactory quality ++ Limited quality +++ Satisfactory quality

RECOMMENDATIONS – GUARANTEE

Recommendations - Warranty	15°C - 30°C
Guarantee of storage away from light, original carton closed	24 months



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Material

OTHER POLYOLEFINS



Flexible **low density polyethylene film** and **butyl acetate**. **Good protection mechanical**. **Good flexibility** and **excellent dexterity**. **Good resistance** to products chemical. **Compatible with agents cleaning, disinfection** and solvents.

Flexibility



Mechanical properties



Chemical resistance



Price





MATERIALS



EBA / EVA¹ -
Translucent



PE bd² - Polyethylene
low density

(1) Ethylene Butyl Acetate / Ethylene Vinyl Acetate or Vinyl Acetate (2) Low Density Polyethylene

PHYSICAL DATA

Optical Quality Transparency	EBA / EVA ¹ - TranslucENT PE bd ² - Low density polyethylene	+
Mechanical performance		2,5 - 6,5 N/mm
Elongation Flexibility		400 % - 800 %

CHEMICAL DATA

Saturated steam solution < 20% at a temperature < 50 ° C	Performances
Acids with strong diluted normalities	+++
Low strong normalities diluted	+++
Compatibility with cleaning agents	+++
Compatibility with disinfectants	+++
Aromatic and ketone solvents	+++
Other solvents	+++
Oils and fats	++

+ Unsatisfactory quality ++ Limited quality +++ Satisfactory quality

RECOMMENDATIONS - GUARANTEE

Recommendations - Warranty	15 °C - 30 °C
Guarantee of storage away from light, original carton closed	24 months



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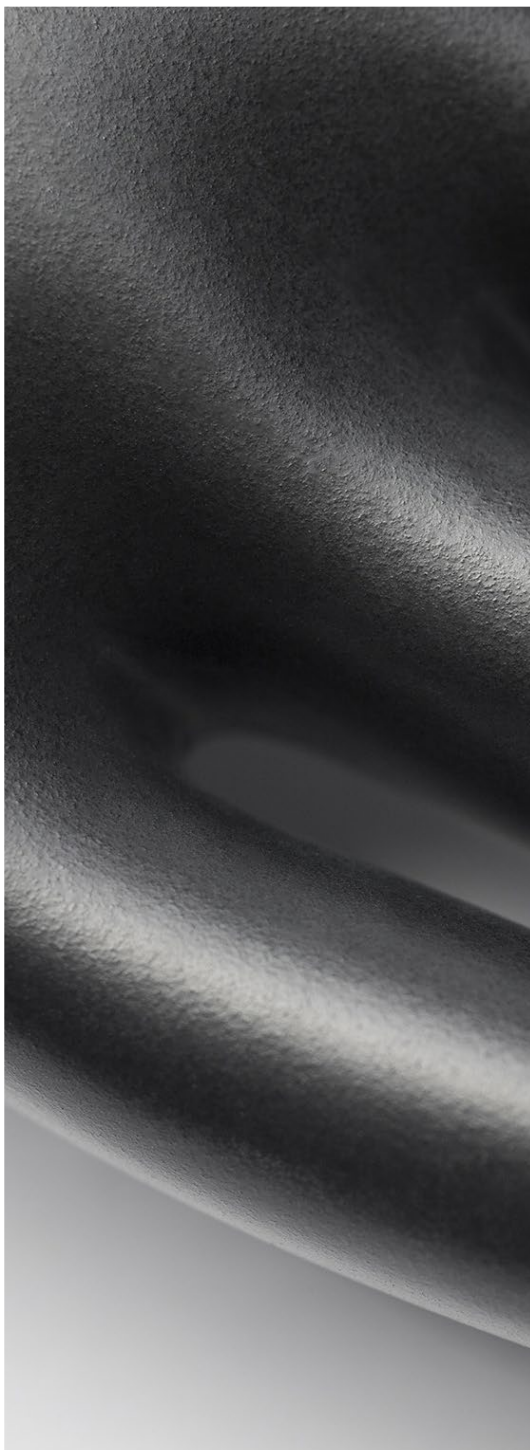
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Material

NEOPRENE*



Polychloroprene material.

Good mechanical protection.

Good resistance to chemicals (versatility).

Great flexibility and **excellent dexterity.**

Flexibility



Mechanical properties



Chemical resistance



Price



***Antistatic neoprene possible**



GENERAL INFORMATIONS

Chemical composition	Polychloroprene
Material codes	C, CNS
Density	1,30
Color	Black
Maintenance advice	Storage in the original packaging between + 5 °C and + 25 °C. Expiration date of 3 years in the original packaging. Wash with soapy water, rinse with clean water and dry in a stream of air at low temperature (< 40 °C).
Treatment	Not recyclable. Disposal as a simple non-toxic waste if not soiled by a hazardous product.

MECHANICAL DATA

Products	Performances
Resistance rupture (Mpa)*	> 15
Elongation rupture (%)*	> 500
Flexibility / Dexterity	+++
Perforation**	++
Tear	+++
Abrasion	++
Gas impermeability	++
Self extinguishing	•
Antistatic	optional

* ISO 37 Type 2 **EN 388

+ Unsatisfactory quality ++ Limited quality +++ Satisfactory quality

CHEMICAL DATA Temperature range: -20 to + 100 ° C

Products	Performances
Ultra violet, ozone	+++
Alcohols	+++
Acids, bases	+++
Strong oxidizers	++
Ketonic solvents	++
Chlorinated solvents	+
Solvents / Aromatic oils	+
Solvents / Aliphatic oils	+++

+ Unsatisfactory quality ++ Limited quality +++ Satisfactory quality



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Material

RUBBER LATEX NATURAL HIGH TEMPERATURE

Latex Natural Rubber High Temperature, specifically formulated for cyclic use in temperature. **Resists several high temperature cycles.** Suitable for tempering aluminum tools or 3D printing. **Can produce bladders of complex, unibody, soft, inflatable, resistant, smooth and elastic shapes.**

Flexibility



Mechanical properties



Temperature resistance



Lapsing



Price





GENERAL INFORMATIONS

Designation	Natural rubber
Description	High temperature formulation
Material code	HT
Colors	Natural (blond) / Possibility of black, red, blue and yellow according to volume
Thicknesses	0.2mm to 3mm
Advice maintenance	Storage in the original packaging between + 5°C and + 25°C. Expiration date of 1 year in the original packaging. Wash with soapy water, rinse with clean water and dry in a stream of air at low temperature (<40°C).
Treatment	Not recyclable. Disposal as a simple non-toxic waste if not soiled by a hazardous product.

MECHANICAL DATA

Properties	Methods	Units	Values
Density	Calculated	g /cm3	1,25
Number of cycles	130°C, 30 min	Number	1 to 10
Combustion temperature			> 200
Shore A hardness	DIN 53505		40 - 45
Strength at break *	NF ISO 527-3	MPa	> 20
Elongation at break*		%	> 500
Resistance of the tear			++
Fire behavior	Fire classification		Unclassified M

* ISO 37 Type 2

+ Unsatisfactory quality ++ Limited quality +++ Satisfactory quality

PHYSICO-CHEMICAL DATA *Temperature range: -40 to + 80°C*

Products	Performances
Strong acids	++
Other solvents	+
Strong bases	++
Oils and greases	++
Aromatic and ketone solvents	++

+ Unsatisfactory quality ++ Limited quality +++ Satisfactory quality

In accordance with the REACH Directive



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