



Cleanroom glove made from "Espansione"

These air permeable, elastic gloves for cleanrooms are made of Espansione and prevent fine dust generation. Espansione Polyurethane spunbond is a thermoplastic, polyurethane elastomeric spandex that fits snugly and continues to keep its shape as it remains comfortable to wear.

Main characteristics:

- High elongation and flexibility in all directions
- Air- and moisture-permeable with overlapped and randomly bonded filaments creating a cool structure
- Dust-free since closely layered fibres prevent the escape of fine dust

Applications:

- Cleanrooms of semiconductor production and precision machine production
- Chemical industry
- Hospitals

And all other areas where excellent tactile sense and low particle release is needed.

Chemical resistance

Alcohol		Inorganic compounds		Other organic compounds		Others	
Methanol	o	1N sulfuric acid	x	Acetone	o	Ethyl acetate	o
Ethanol	o	0.1N sulfuric acid	o	Dioxane	x	Methyl acetate	o
Isopropanol	o	1N hydrochloric acid	x	Tetrahydrofuran	x	Gasoline	o
Ethylene glycol	o	0.1N hydrochloric acid	o	DMF	x	Lamp oil	o
Chlorohydrocarbons		Liquid ammonia (25%)	x	Kerosene	o	Light oil	o
Chlorkohlenstoff	o	1N caustic soda	x	Acetic acid (conc.)	x	Heavy oil	o
Trichloräthylen	o	0.1N caustic soda	o	Acetic acid (10%)	o	Soybean oil	o
Perchloräthylen	o	Hydrogen peroxid (3%)	o	Nitric acid (conc.)	x	Castor-Öl	x
Hydrocarbons		Sodium hypochlorite (0,01%)	o	Nitric acid (10%)	x	Linseed oil	x
Benzene	o					Glycerine	o
Toluene	o					MEK	o
Xylene	p					MIBK	o
N-Hexane	o						

*(o = resistant , x = nicht resistant)

Type	Length	Sizes	Art.-no.:
S	245 mm	S, M, L, XL	HSESPS10(size)
SL	280 mm	S, M, L, XL	HSEPSL10(size)



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