









Manufix® | Technical Data Sheet

Examination and Protective Gloves (for single use | non-sterile)

Device variants		Manufix® Sensitive	Manufix® Powdered	Manufix® Free
Pcs/pack	XS-L / XL	100 / 90	100	100 / 90
XS	REF	9209430	6090079	
S	REF	9209441	6090010	9209670
M	REF	9209468	6090036	9209689
L	REF	9209484	6090052	9209697
XL	REF	9209490		9209699
Colour		natural white	natural white	blue
				
Dispenser pack dimensions	length	240 mm	200 mm	220 mm
	width	122 mm	110 mm	110 mm
	height	65 mm	60 mm	68 mm
Transportation carton		10 dispenser packs		
Storage:				
Shelf life		3 years	5 years	3 years
Conditions		store at room temperature, protect from dust, humidity, sun light and ozone		
Glove dimensions:				
Width	XS	≤ 80 mm		
of palm (median)	S	80 ± 10 mm		
	M	95 ± 10 mm		
	L	110 ± 10 mm		
-acc. EN 455-	XL	≥ 110 mm		
Length (median)		≥ 240 mm		
Wall	finger	≥ 0.125 mm	≥ 0.10 mm	≥ 0.09 mm
thickness	palm	≥ 0.11 mm	≥ 0.08 mm	≥ 0.075 mm
(single wall)	cuff	≥ 0.07 mm	≥ 0.055 mm	≥ 0.05 mm

All data refer to typical single values and may be subject to alterations.

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		Manufix® Sensitive	Manufix® Powdered	Manufix® Free
				
Glove design:				
Shape		straight fingers, ambidextrous fitting		
Cuff		rolled rim		
Surface finish		micro-rough surface, textured fingers		
Inner glove surface		polymer coated	powdered	online chlorinated
Glove material		natural rubber latex (NRL)		nitrile butadiene rubber (NBR)
Latex allergy risk		containing natural rubber latex which may cause allergic reactions including anaphylactic reactions		free of latex proteins
Protein content		≤ 30 µg/g	not measured for powdered gloves	
Powder		powder-free	corn starch powder	powder-free
Additives:				
Accelerators	DTC	Zn-dithiocarbamate		
	MBT	Zn-mercaptobenzothiazolate		
	thiurame	free of thiurames		
Vulcanization agent		sulphur		
Activator		zinc oxide		
Ageing protector		sterically modified phenols		
Colour		organic pigment in Manufix® Free		
Physical properties:				
Force at break (median)		≥ 6 N during shelf life		
Elongation at break (median)		≥ 650 % before ageing ≥ 500 % after ageing		≥ 500 % before ageing ≥ 400 % after ageing
Tensile strength (median)		≥ 18 MPa before ageing ≥ 14 MPa after ageing		≥ 14 MPa before/after ageing
Water-tightness		AQL 1.5		
Applied standards:				
Medical gloves		EN 455 1-4, ISO 11193-1, ASTM D6319 (NBR), ASTM D3578 (NRL)		
Protective gloves		EN 420, EN 374 1-3, ISO 16604, ASTM F1671, ASTM D6978		
EC certificates:				
Medical gloves		Medical device class 1 according 93/42/EEC		
Protective gloves		Personal protective equipment category III according 89/686/EEC		
Food contact		Conformity for food contact according 1935/2004/EEC		
Quality certificates		ISO 9001, ISO 13485		