

GLOVE CHARACTERISTICS

Yarn characteristics comparison

	COTTON	POLYESTER/ NYLON	HIGH- TENACITY NYLON	KEVLAR®	DYNEEMA	GLASS FIBER & NYLON	STEEL & SYNTHETIC YARNS	DYNEEMA® NYLON & GLASS	KEVLAR® STEEL
CUT RESISTANCE	poor	poor	average	very good	very good	good	excellent	very good	excellent
TEAR RESISTANCE	average	average	average	excellent	excellent	poor	excellent	excellent	excellent
COMFORT	very good	very good	good	good	excellent	excellent	poor	good	good
HEAT RESISTANCE	good	poor	average	very good	poor	poor	poor	poor	average
COLD RESISTANCE	good	average	good	very good	average	average	average	average	average
SWEAT ABSORPTION	very good	poor	poor	average	very good	poor	poor	good	poor
SHRINKAGE	none	none	none	none	none	none	none	none	none
ELASTICITY	poor	average	poor	poor	poor	poor	poor	poor	poor
YARN COST	very low	very low	low	high	very high	low	medium	high	medium

Coating characteristics comparison

	LATEX	NITRILE	NEOPRENE	PVC	PU	SILICONE
STRENGTH	excellent	excellent	very good	fair	excellent	excellent
BARrier PROTECTION	excellent	excellent	very good	good	excellent	excellent
PUNCTURE RESISTANCE	very good	excellent	good	poor	excellent	excellent
CHEMICAL RESISTANCE	good	excellent	very good	poor	very good	poor
TEMP RESISTANCE	-18 °C to 150 °C 0 °F to 300 °F	-4 °C to 150 °C 25 °F to 300 °F	-4 °C to 150 °C 25 °F to 300 °F	-4 °C to 66 °C 25 °F to 150 °F	-4 °C to 150 °C 25 °F to 300 °F	- 46 °C to 290 °C -50 °F to 550 °F
ELASTICITY	excellent	very good	excellent	poor	excellent	very good
ALLERGEN CONTENT	varies by product	very good; no proteins but some chemicals	very good; no proteins but some chemicals	good; no proteins, but some chemicals and curing agents	excellent; no proteins and no chemicals	excellent; no proteins and no chemicals
COMFORT	excellent	very good	excellent	fair	very good	varies by product
COST	low	medium	medium	low	high	very high