Product Specification Sheet

Chemical Resistance Rating

Chemical	Resistance Rating
ACETALDEHYDE	P
ACETIC ACID	F
ACETONE	P
ACETONITRILE	P
ACRYLIC ACID	G
AMYL ALCOHOL	G
BENZENE	P
BUTYL ACRYLATE	P
CHROMIC ACID	P
DIACETONE ALCOHOL	P
DIESEL FUEL	E
DIISOBUTYL KETONE	G
ETHANOL	F
FORMALDEHYDE, 30-70%	G
FORMIC ACID	F
FREON 113 OR TF	E
GLUTARALDEHYDE, < 5%	G
GLYCEROL	E
HEXANE	E
HYDROCHLORIC ACID, < 30%	G
HYDROCHLORIC ACID, 30-70%	G
HYDROFFLURIC ACID < 50%	P
ISOBUTYL ALCOHOL	E
ISOPROPYL ALCOHOL	E
JET FUEL, <30% AROMATICS 73-248C	E
KEROSENE	E
METHANOL	E
N-PROPYL ALCOHOL	E
NITRIC ACID, <30%	P
PHENOL, >70%	P
PHOSPHORIC ACID, >70%	E
SILVER NITRATE	G
SODIUM CHLORIDE	E
SULFURIC ACID, 30-70%	G
XYLENES	P

Breakthrough Time

Resistance Rating	Minutes
Excellent (E)	60-480
Good (G)	10-59
Fair (F)	1-9
Poor (P)	< 1

Quality Standards

Manufactured under ISO 9001 : 2015 and ISO 13485 : 2016 Quality Management System

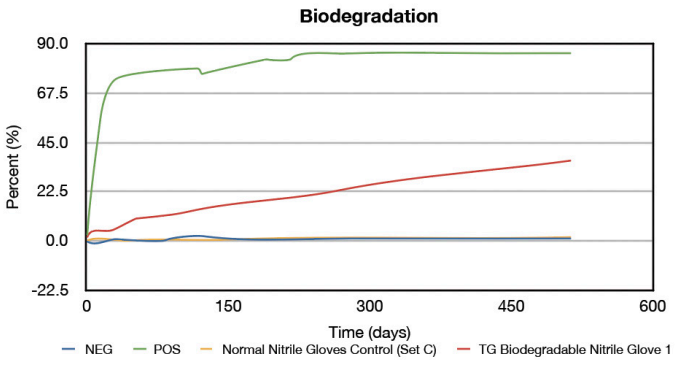
- **ASTM D6319 & EN455:** Standard for nitrile examination gloves for medical application
- **ASTM D5511:** Standard method for determining anaerobic biodegradation of plastic materials under high-solids anaerobic-digestion conditions
- **EN 16523:** Chemical permeation testing of gloves

Product Specifications

Type: Nitrile glove, powder-free
Material: 100% synthetic nitrile butadiene
Storage: Store in cool and dry places

Glove Thickness: 3.0mil
Palm Thickness: 0.07mm
Finger Thickness: 0.10mm
Length: 24.5cm (9.6in)

Eco Protective Technology



The T-GEN gloves are fully biodegradable in any active landfill. The Eco Protective Technology (EPT) is a biodegradable additive that is included in the soft nitrile formula to increase decomposition. EPT attracts microorganisms to consume and metabolize the glove material into natural compounds, in turn being eco-friendly. The gloves are tested and comply with ASTM D5511 and EN 16523 methods. In a span of 513 days, the gloves show 36.7% biodegradation under accelerated conditions.

FOR MORE INFORMATION:
www.geneseesci.com/t-gen

Genesee Scientific
A Life Science Company

Phone: 858.536.8044 • **Fax:** 858.536.8087 • **Email:** support@geneseesci.com • **Web:** www.geneseesci.com