Product Specification Sheet

Chemical Resistance Rating

ACETALDEHYDEPACETIC ACIDFACETONEPACETONITRILEPACRYLIC ACIDGAMYL ALCOHOLGBENZENEPBUTYL ACRYLATEPCHROMIC ACIDPDIACETONE ALCOHOLPDISOBUTYL KETONEGFTHANOLFFORMALDEHYDE, 30-70%GFREON 113 OR TFEGLUTARALDEHYDE, <5%GGLYCEROLEHYDROCHLORIC ACID, <S0%HYDROCHLORIC ACID, <GFREON 113 OR TFEGLUTARALDEHYDE, <5%GGLYCEROLEHYDROCHLORIC ACID, <S0%HYDROCHLORIC ACID, <ESOBUTYL ALCOHOLEJET FUEL, <30% AROMATICS 73-248CEMETHANOLEN-PROPYL ALCOHOLENITRIC ACID, <30%PPHENOL, >70%ESULFURIC ACID, <>70%ESULVER NITRATEGSODIUM CHLORIDEESULFURIC ACID, 30-70%GYLENESP	Chemical	Resistance Rating
ACETONEPACETONITRILEPACRYLIC ACIDGAMYL ALCOHOLGBENZENEPBUTYL ACRYLATEPCHROMIC ACIDPDIACETONE ALCOHOLPDISEL FUELEDISOBUTYL KETONEGFORMALDEHYDE, 30-70%GFORMIC ACIDFFREON 113 OR TFEGLUTARALDEHYDE, < 5%	ACETALDEHYDE	Р
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ACRYLIC ACIDGAMYL ALCOHOLGBENZENEPBUTYL ACRYLATEPCHROMIC ACIDPDIACETONE ALCOHOLPDISOBUTYL KETONEGETHANOLFFORMALDEHYDE, 30-70%GFORMIC ACIDFFORMIC ACIDFFORMIC ACIDFFREON 113 OR TFEGLUTARALDEHYDE, < 5%	ACETONE	Р
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BENZENEPBUTYL ACRYLATEPCHROMIC ACIDPDIACETONE ALCOHOLPDIESEL FUELEDIISOBUTYL KETONEGETHANOLFFORMALDEHYDE, 30-70%GFORMIC ACIDFFREON 113 OR TFEGLUTARALDEHYDE, < 5%	ACRYLIC ACID	G
BUTYL ACRYLATEPCHROMIC ACIDPDIACETONE ALCOHOLPDIESEL FUELEDIISOBUTYL KETONEGETHANOLFFORMALDEHYDE, 30-70%GFORMALDEHYDE, 30-70%GFORMIC ACIDFFREON 113 OR TFEGLUTARALDEHYDE, < 5%	AMYL ALCOHOL	G
CHROMIC ACIDPDIACETONE ALCOHOLPDIESEL FUELEDIISOBUTYL KETONEGETHANOLFFORMALDEHYDE, 30-70%GFORMIC ACIDFFREON 113 OR TFEGLUTARALDEHYDE, < 5%	BENZENE	Р
DIACETONE ALCOHOLPDIACETONE ALCOHOLFDIESEL FUELEDIISOBUTYL KETONEGETHANOLFFORMALDEHYDE, 30-70%GFORMIC ACIDFFREON 113 OR TFEGLUTARALDEHYDE, < 5%	BUTYL ACRYLATE	Р
DIESEL FUELEDIISOBUTYL KETONEGETHANOLFFORMALDEHYDE, 30-70%GFORMIC ACIDFFREON 113 OR TFEGLUTARALDEHYDE, < 5%	CHROMIC ACID	Р
DIISOBUTYL KETONEGETHANOLFFORMALDEHYDE, 30-70%GFORMIC ACIDFFREON 113 OR TFEGLUTARALDEHYDE, < 5%	DIACETONE ALCOHOL	Р
ETHANOL F FORMALDEHYDE, 30-70% G FORMALDEHYDE, 30-70% G FORMIC ACID F FREON 113 OR TF E GLUTARALDEHYDE, < 5%	DIESEL FUEL	Е
FORMALDEHYDE, 30-70%GFORMIC ACIDFFREON 113 OR TFEGLUTARALDEHYDE, < 5%	DIISOBUTYL KETONE	G
FORMIC ACIDFFREON 113 OR TFEGLUTARALDEHYDE, < 5%	ETHANOL	F
FREON 113 OR TFEGLUTARALDEHYDE, < 5%	FORMALDEHYDE, 30-70%	G
GLUTARALDEHYDE, < 5% G GLYCEROL E HEXANE E HYDROCHLORIC ACID, < 30%	FORMIC ACID	F
GLYCEROLEHEXANEEHYDROCHLORIC ACID, < 30%	FREON 113 OR TF	Е
HEXANEEHYDROCHLORIC ACID, < 30%	GLUTARALDEHYDE, < 5%	G
HYDROCHLORIC ACID, < 30%	GLYCEROL	Е
HYDROCHLORIC ACID, 30-70%GHYDROFFLURIC ACID < 50%	HEXANE	Е
HYDROFFLURIC ACID < 50%PISOBUTYL ALCOHOLEISOPROPYL ALCOHOLEJET FUEL, <30% AROMATICS 73-248C	HYDROCHLORIC ACID, < 30%	G
ISOBUTYL ALCOHOLEISOPROPYL ALCOHOLEJET FUEL, <30% AROMATICS 73-248C	HYDROCHLORIC ACID, 30-70%	G
ISOPROPYL ALCOHOLEJET FUEL, <30% AROMATICS 73-248C	HYDROFFLURIC ACID < 50%	Р
JET FUEL, <30% AROMATICS 73-248CEKEROSENEEMETHANOLEN-PROPYL ALCOHOLENITRIC ACID, <30%	ISOBUTYL ALCOHOL	Е
KEROSENEEMETHANOLEN-PROPYL ALCOHOLENITRIC ACID, <30%	ISOPROPYL ALCOHOL	Е
METHANOLEN-PROPYL ALCOHOLENITRIC ACID, <30%	JET FUEL, <30% AROMATICS 73-248C	Е
N-PROPYL ALCOHOLENITRIC ACID, <30%	KEROSENE	Е
NITRIC ACID, <30%PPHENOL, >70%PPHOSPHORIC ACID, >70%ESILVER NITRATEGGSODIUM CHLORIDEESULFURIC ACID, 30-70%G	METHANOL	Е
PHENOL, >70%PPHOSPHORIC ACID, >70%ESILVER NITRATEGSODIUM CHLORIDEESULFURIC ACID, 30-70%G	N-PROPYL ALCOHOL	E
PHOSPHORIC ACID, >70% E SILVER NITRATE G SODIUM CHLORIDE E SULFURIC ACID, 30-70% G	NITRIC ACID, <30%	Р
SILVER NITRATE G SODIUM CHLORIDE E SULFURIC ACID, 30-70% G	PHENOL, >70%	Р
SODIUM CHLORIDE E SULFURIC ACID, 30-70% G	PHOSPHORIC ACID, >70%	E
SULFURIC ACID, 30-70% G	SILVER NITRATE	G
	SODIUM CHLORIDE	E
XYLENES P	SULFURIC ACID, 30-70%	G
	XYLENES	Р



A Life Science Company

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

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

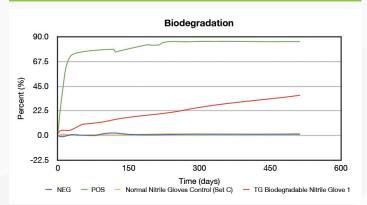
- ASTM D6319 & EN455: Standard for nitrile examination gloves for medical application
- **ASTM D5511:** Standard method for determining anaerobic biodegradation of plastic materials under high-solids anaerobic-digestion conditions
- EN 16523: Chemical permeation testing of gloves

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.