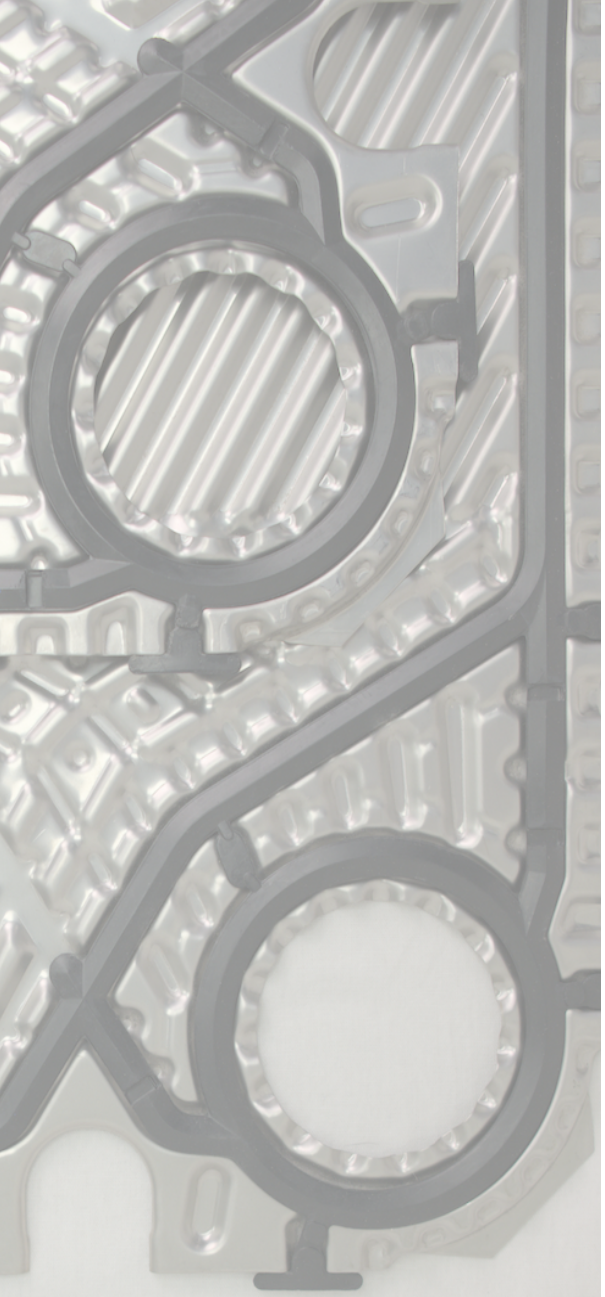


PHE Gaskets

VITON™ G

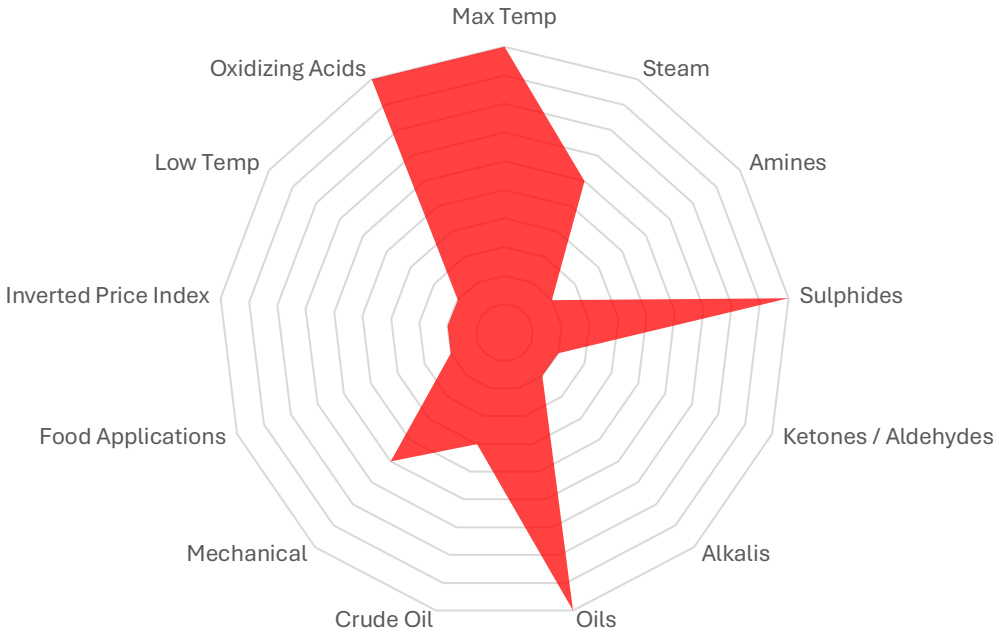
PHE Viton™ G is a peroxide cured Fluorocarbon Rubber (FKM), comprised of Viton™ GF-S polymer. It has excellent resistance towards concentrated acids, surpassing Viton™ A.

Typical Applications

High Temperature Oil Applications
Concentrated Inorganic Acids
Steam up to 200°C

Properties

Hardness 80 Shore A
Tensile Strength 15 MPa
180% Elongation at Break
Max Continuous Temp 220°C
Min Continuous Temp -5°C



Note: The greater the distance from center, the better the suited the material is for against the application. This is a generalized overview. For specific applications, please contact PHE Gaskets for consult. VITON™ is a registered trademark of The Chemours Company.

MATERIAL DATA SHEET (MDS)

PRODUCT: PHE VITON™ G gaskets Edition 2026, Rev.1

1. IDENTIFICATION OF SUBSTANCE AND OF THE COMPANY

Issued by: Bailey French, PHE Gaskets Incorporated, Knoxville, Tennessee 37917
Country: USA
Phone no: +1 (865) 249-7773
E-mail address: bfrench@phegaskets.com
Trade name: PHE VITON™ G Article numbers: 6th and 7th digit = 21 (x x x x 21)
Color Identification: Black rubber gasket with three purple dots.

2. COMPOSITION/INFORMATION ON INGREDIENTS

The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200. *Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

3. HAZARD IDENTIFICATION

Physical Hazards: Not classified
Health Hazards: Not classified
OSHA Defined Hazards: Not classified

Label Elements
Hazard Symbol: None
Signal Word: None
Hazard Statement: The mixture does not meet the criteria for classification.

Precautionary Statement
Prevention: Observe good industrial hygiene practices.
Response: Wash hands after handling.
Storage: Store away from incompatible materials.
Disposal: Dispose of waste and residues in accordance with local authority requirements.

Hazard(s) Not Otherwise Classified (HNOC): None known.

Supplemental Information: 65.57% of the mixture consists of component(s) of unknown acute oral toxicity. 96.62% of the mixture consists of component(s) of unknown acute dermal toxicity. Encapsulation in the rubber matrix generally precludes hazardous exposure. However, some vapors may be released during hot processing, and the fabricator must take the necessary precautions (mechanical ventilation, respiratory protection, etc.) to protect employees from exposure.

4. FIRST-AID MEASURES

Inhalation: Move to fresh air. Call a physician if symptoms develop or persist. Skin Contact: Wash off with soap and water. Get medical attention if irritation develops and persists. Rinse with water. Eye Contact: Get medical attention if irritation develops or persists. Ingestion: Rinse mouth. Get medical attention if symptoms occur. Most Important Symptoms/Effects, Acute and Delayed: Direct contact with eyes may cause temporary irritation. Indication of Immediate Medical Attention and Special Treatment Needed: Treat symptomatically. General Information: Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Water fog. Dry chemical powder. Carbon dioxide (CO2). Unsuitable Extinguishing Media: Not available. Specific Hazards Arising from the Chemical: During fire, gases hazardous to health may be formed. Special Protective Equipment and Precautions for Firefighters: Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Fire Fighting Equipment/Instructions: Use water spray to cool unopened containers. Specific Methods: Use standard firefighting procedures and consider the hazards of other involved materials. General Fire Hazards: No unusual fire or explosion hazards noted.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: Keep unnecessary personnel away. For personal protection, see Section 8 of the MDS. Methods and Materials for Containment and Cleaning Up: Following product recovery, flush area with water. For waste disposal, see Section 13 of the MDS. Environmental Precautions: Avoid discharge into drains, water courses, or onto the ground.

7. HANDLING AND STORAGE

Precautions for Safe Handling: Observe good industrial hygiene practices. Conditions for Safe Storage, Including any Incompatibilities: Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the MDS.)

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Not applicable. See Supplemental Information in Section 3.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical State: Solid. Form: Solid. Color: Black with three purple dots. Odor: N/A. Odor Threshold: N/A. pH: N/A. Melting Point/Freezing Point: N/A. Initial Boiling Point and Boiling Range: N/A. Flash Point: N/A. Evaporation Rate: N/A. Flammability (Solid, Gas): N/A.

Upper/Lower Flammability or Explosive Limits

Flammability Limit – Lower %: N/A. Flammability Limit – Upper %: N/A. Explosive Limit – Lower %: N/A. Explosive Limit – Upper %: N/A. Vapor Pressure: N/A. Vapor Density: N/A. Relative Density: N/A. Solubility (Water): N/A. Partition Coefficient (n-octanol/water): N/A. Auto-Ignition Temperature: N/A. Decomposition Temperature: N/A. Vicosity: N/A.

Other Information

Explosive Properties: Not Explosive. Oxidizing Properties: Non-oxidizing. Specific Gravity: 1.85-1.89.

10. STABILITY AND REACTIVITY

Reactivity: The product is stable and non-reactive under normal conditions of use, storage and transport. Chemical Stability: Material is stable under normal conditions. Possibility of Hazardous Reactions: No dangerous reaction known under conditions of normal use. Conditions to Avoid: Contact with incompatible materials. Incompatible Materials: Strong oxidizing agents. Hazardous Decomposition Products: No hazardous decomposition products are known.

11. TOXICOLOGICAL INFORMATION

Not applicable. See Supplemental Information in Section 3.

12. ECOLOGICAL INFORMATION

Not applicable. See Supplemental Information in Section 3.

13. DISPOSAL CONSIDERATIONS

Disposal Instructions: Collect and reclaim or dispose in sealed containers at censed waste disposal site. Local Disposal Regulations: Dispose in accordance with all applicable regulations. Hazardous Waste Code: The waste code should be assigned in discussion between the user, the producer, and the waste disposal company. Waste from Residues/Unused Products: Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see Disposal Instructions). Contaminated Packaging: Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

DOT: Not regulated as dangerous goods. IATA: Not regulated as dangerous goods. IMDG: Not regulated as dangerous goods. Transport in Bulk According to Annex II of MARPOL 73nB and the IBC Code: Not applicable.

15. REGULATORY INFORMATION

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard Categories: Immediate Hazard – No. Delayed Hazard – No. Fire Hazard – No. Pressure Hazard – No. Reactivity Hazard - No.

SARA 313 (TRI Reporting)

Chemical Name	CAS number / Category	% by wt.
Zinc Compounds	N982	1 - < 3

US State Regulations

U.S. California Proposition 65: Not listed.

International Inventories

Australia – Australian Inventory of Chemical Substances (AICS) – Yes
Canada – Domestic Substances Lis (DSL) – No
Canada – Non-Domestic Substances List (NDSL) – Yes
China – Inventory of Existing Chemical Substances in China (IECSC) – Yes
Europe – European Inventory of Existing Commercial Chemical Substances (EINECS) – No
Europe – European List of Notified Chemical Substances (ELINCS) – No
Japan – Inventory of Existing and New Chemical Substances (ENCS) – No
Korea – Existing Chemicals List (ECL) – Yes
New Zealand – New Zealand Inventory – Yes
Philippines – Philippine Inventory of Chemicals and Chemical Substances (PICCS) – No
United States & Puerto Rico – Toxic Substances Control Act (TSCA) Inventory – Yes

**A "Yes" indicates that all components or this product comply with the Inventory requirements administered by the governing country(s). A "No" indicates that one or more components of the product are not listed or exempt from listing on the Inventory administered by the governing country(s).*

16. OTHER INFORMATION

Issue Date: 3/6/2026. Version #1. Disclaimer: PHE Gaskets, Inc., cannot anticipate all conditions under which this information and its product, or the

products of other manufacturers in combination with this product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.