PX1 SERIES (WITH ADHESIVE)

GORE® SKYFLEX® Aerospace Materials, PX1 Series is designed specifically for sealing permanent structure joint interfaces in civil and military aircraft. The sealing tape is a lightweight, flexible, non-curing polytetrafluoroethylene (PTFE) composite. These tapes and gaskets improve manufacturing efficiency through easier handling, use, and installation for increased aircraft throughput and reduced overall costs. Gore's next-generation dry sealants meet stringent aerospace industry demands for fay surface sealing applications. They are a reliable alternative to wet, form-in-place (FIP) sealants, such as polysulfides.

Regulatory Information

GORE® SKYFLEX® Aerospace Materials, PX1 Series (with adhesive) are supplied as a rolled good on an adhesive release liner and die-cut gaskets and defined as:

- an article in the United States per OSHA Regulation 29 CFR 1910.1200(b)(6)(v) during normal intended use
- described in EC Regulation 1907/2006/EC
- a "Manufactured Item" under Canadian CEPA regulations
- in the Japanese Industrial Standards (JIS) Z7252

As a result, a Safety Data Sheet (SDS) or Material Safety Data Sheet (MSDS) is not required. The adhesive release liner should be removed at the point of use. In addition, at the date of this document issue, the PX1 Series (with adhesive) do not contain any of the REACH Regulation (EU/1907/2006) Candidate List of Substances of Very High Concern (SVHC) at concentrations above 0.1% (w/w) as published by the European Chemicals Agency (ECHA).

WARNING: This product may contain detectable levels of chemicals, including Acrylonitrile [CAS# 107-13-1], which is known in the State of California to cause cancer, and Benzene [CAS# 71-43-2], which is known in the State of California to cause cancer and congenital disabilities or other reproductive harm. This information is published in California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986). For more information, visit **www.P65Warnings.ca.gov.**

Safety Information

GORE® SKYFLEX® Aerospace Materials, PX1 Series (with adhesive) are non-hazardous materials that can be installed or removed without using personal protective equipment (PPE). Also, no special waste handling is required.

If the materials are cut or removed using burning, grinding or elevated temperature processes, or if they are involved in a fire, hazardous decomposition by-products may form — such as carbon dioxide, carbon monoxide, carbonyl fluoride, hexafluoropropylene, formaldehyde, hydrogen fluoride, metal oxide/oxides, perfluoroisobutylene, tetrafluoroethylene, hydrogen, traces of incompletely burned carbon products, and other acidic combustion gases.

Recommended Standard Practices

Gore recommends performing a safety review before processing their material and considering control measures, PPE, and proper disposal. We also recommend the following standard practices when handling, installing or removing GORE® SKYFLEX® Aerospace Materials, PX1 Series (with adhesive) to reduce exposure to decomposition by-products:

1. Prevent the material from being exposed to temperatures above 120 °C (248 °F).
2. Protect the material from fire. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources to help reduce the risk of fire and exposure to hazardous decomposition by-products. In the event of a fire, wear a self-contained breathing apparatus and full PPE. Furthermore, wear neoprene gloves when handling refuse from a fire.

3. Use adequate ventilation and/or PPE when handling heated material to avoid breathing fumes.
4. Avoid burning, grinding, high-temperature cutting or melting of the material without the use of effective local exhaust ventilation and/or PPE.
5. Dispose of the material according to local, state, national, and international regulations.

Additional guidance for handling, heating, and fabricating PTFE is available in the Plastics Industry Association, *Guide To The Safe Handling of Fluoropolymer Resins, 5th Ed.,* and in the *Plastics Europe, Guide for the Safe Handling of Fluoropolymer Resins*.

For more information regarding GORE® SKYFLEX® Aerospace Materials, visit **gore.com/skyflex** to download the data sheet or contact a Gore representative.

The information provided in this document is believed to be correct as of the date issued. It is the responsibility and legal obligation of the user to define and implement a suitable and sufficient risk assessment that considers all locally valid regulations and safety measures before using GORE® SKYFLEX® Aerospace Materials. This document is for informational purposes only and not a substitute for published technical data.

NOTICE — USE RESTRICTIONS APPLY. Not for use in food, drug, cosmetic or medical device manufacturing, processing, or packaging operations.

GORE, SKYFLEX, *Together, improving life*, and designs are trademarks of W. L. Gore & Associates. © 2024 W. L. Gore & Associates, Inc.

W. L. Gore & Associates, Inc.
gore.com

SKY-1052-TEC-US-JUN24