

TECHNICAL DATA

COCKPIT AND PASSENGER-CABIN WINDOWS LANDING-LIGHT LENSES

Bombardier* CRJ100*/CRJ200*/CRJ700*/CRJ900*/CRJ1000* Aircraft



CRJ1000 NextGen Aircraft

Courtesy of Bombardier Inc.

Main Windshield

*Reduced Maintenance, Enhanced Design for Longer Service Life, Lower Operating Cost***

Features	Benefits
Herculite® II Chemically Strengthened Glass	<ul style="list-style-type: none"> • High strength-to-weight ratio • Lightweight window • Greater stiffness • Abrasion resistance • Less deflection
Superior Optical Quality	<ul style="list-style-type: none"> • Safety • Enhanced visibility
Structurally Loaded Design	<ul style="list-style-type: none"> • Lightweight
Nesatron® Anti-ice System	<ul style="list-style-type: none"> • Excellent heating uniformity • Optical clarity • No burnout from electrical hot spots

***Based on TTFD reliability analysis of flight hour data.*

Side Cockpit Window

Features	Benefits
Herculite® II Chemically Strengthened Glass	<ul style="list-style-type: none"> • Lightweight window • High strength-to-weight ratio • Greater stiffness • Abrasion resistance • Less deflection
Superior Optical Quality	<ul style="list-style-type: none"> • Safety • Enhanced visibility
Structurally Loaded Design	<ul style="list-style-type: none"> • Lightweight
Nesatron® Antifog System	<ul style="list-style-type: none"> • Heating uniformity • Optical clarity • No hot spots

PPG Aerospace is a leading and experienced manufacturer of original-equipment and replacement windshields, side cockpit windows, passenger-cabin windows and landing-light lenses for Bombardier Aerospace CRJ regional jets. PPG Aerospace has been the single source of cockpit windows to Bombardier Aerospace and worldwide operators of the CRJ fleet since the first aircraft was delivered.

PPG's continuous improvement of the windshields and side cockpit windows has provided the industry with transparencies that are among the longest performing and most reliable. The all-glass design is based on HERCULITE® II chemically strengthened glass, which has been proven in field service for commercial, regional and general aviation aircraft. The high strength-to-weight ratio and optical clarity of the design meet the challenging operating envelope for the CRJ series of aircraft.

In addition to supplying transparencies with demonstrated performance and reliability, PPG Aerospace helps operators lower their transparency maintenance costs and increase their on-aircraft performance through engineering services including operator training and fleet data analysis. These custom-designed programs enable operators to maximize the value of PPG cockpit windows for the CRJ series of aircraft.

SURFACE SEAL® Coating by PPG

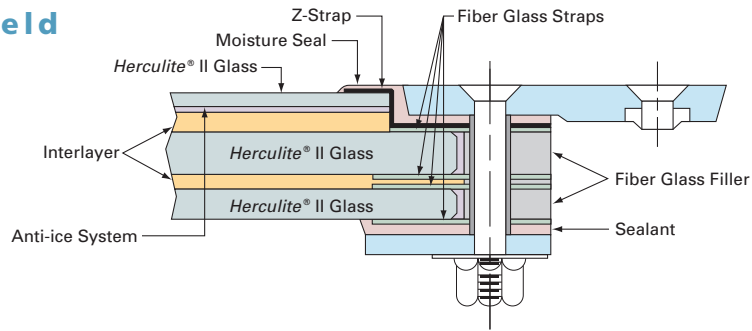
Surface Seal coating is available on all PPG windshields for the Bombardier CRJ fleet. Hydrophobic Surface Seal coating dramatically improves the ability of the windshields to shed water, providing the ultimate in visibility for pilots during wet conditions.

When ordering your spare windshields from PPG for Bombardier CRJ aircraft, ask for Surface Seal coating. The parts can be coated by the PPG professionals at the factory before they ship, or the coating can be field applied to windshields on in-service aircraft with Surface Seal coating system kits. Ask your PPG Aerospace representative for details.

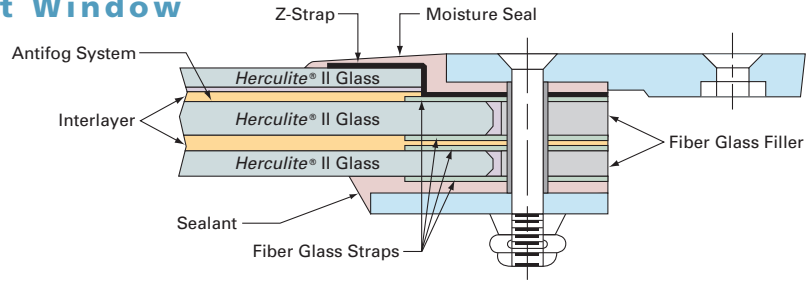
Stocks Worldwide

With inventories of cockpit windows maintained worldwide, PPG is able to service customers from global stocking locations.

Main Windshield

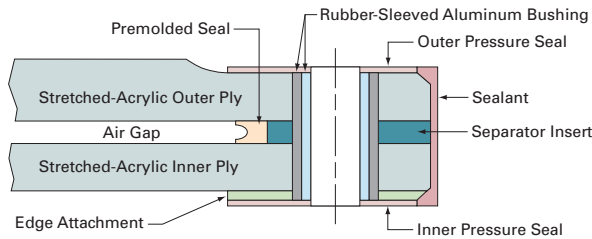


Side Cockpit Window

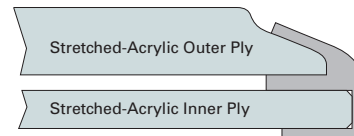


Passenger-Cabin Window

CRJ100/CRJ200



CRJ700/CRJ900/CRJ1000



Part Numbers

Pilot Windshield	NP-139321-13
Copilot Windshield	NP-139321-14
Pilot Side Cockpit Window	NP-139322-11
Copilot Side Cockpit Window	NP-139322-12
Passenger-Cabin Window (CRJ100/CRJ200)	172800-05
Passenger-Cabin Window (CRJ100/CRJ200)	172800-07
Passenger-Cabin Window (CRJ700/CRJ900)	NP-184903-7
Passenger-Cabin Window (CRJ900/CRJ1000)	NP-197601-2
Exit Door Windows	172900-01
Landing-Light Lenses (CRJ100/CRJ200 left-hand)	NP-139323-5
Landing-Light Lenses (CRJ100/CRJ200 right-hand)	NP-139323-6
Hump Seal Repair Kit	HSKCRJ/DASH8
Surface Seal Coating System Kit	DSS0100A

Ordering Information

Orders may be placed through PPG Aerospace's worldwide network of application support centers (ASCs). For the ASC nearest you, visit www.ppgaerospace.com.

In North America, call toll-free +1 (800) AEROMIX.

Pricing, warranty and delivery details are available from your PPG Aerospace sales representative.



PPG Aerospace
Transparencies

PPG Industries, Inc.
1719 US Highway 72 East
Huntsville, Alabama 35811 USA
Telephone +1 (256) 851-7001

Sierracin/Sylmar Corp.
12780 San Fernando Road
Sylmar, California 91342 USA
Telephone +1 (818) 362-6711

Ampaspace S.r.L.
Via Delle Tre Venezie, 10
26010 Casaleto Vaprio (CR), Italy
Telephone +39 0373 272 011



Bombardier, CRJ, CRJ100, CRJ200, CRJ700, CRJ900, CRJ1000 and NextGen are trademarks of Bombardier Inc. or its subsidiaries. The PPG Logo and Herculite, Nesatron and Surface Seal are registered trademarks of PPG Industries Ohio, Inc.

This document is not a representation of FAA/EASA/CAAC or any other regulatory authority's approval of the document or its contents, or as a representation of the accuracy or adequacy of the technical data contained herein for the purposes of maintaining or completing any repair, overhaul or modification in compliance with the requirements by any regulatory authority.