Global Plumbing & Fire Supply
855-554-GPFS (4737)
gpfsgroup.com · 723 Sonora Avenue, Glendale, CA 91201

SUBMITTAL / SPECIFICATION SHEET

JOB NAME	CONTRACTOR	ENGINEER
LOCATION	**DATE**	**QUANTITY**

CPVC Schedule 80 Pressure Fittings

Socket and threaded configurations · plumbing supply

> These items are sold under the manufacturer's brand marked on the product and packaging. Enter that brand and part number below. This sheet does not state that GPFS manufactures the brand.

BRAND	PART #	SUBMITTED BY

This sheet describes Schedule 80 chlorinated poly(vinyl chloride) (CPVC) pressure fittings supplied by Global Plumbing and Fire Supply. It is written from the public product standards named below, in GPFS's own words, for job submittal.

PRODUCT

Schedule 80 CPVC plastic pipe fittings, including common socket and threaded configurations such as tees, elbows, couplings, adapters, bushings, and caps. Socket fittings are intended for solvent-cemented joints. Threaded fittings, when furnished, have NPT taper pipe threads.

This sheet covers plumbing-supply CPVC Schedule 80 fittings. CPVC fire-sprinkler fittings are a separate family. Some items may be marked with a manufacturer's name (for example Lasco or NIBCO). Enter the brand and part number in the fields above. This sheet does not claim that GPFS manufactures those brands.

APPLICABLE STANDARDS

- **ASTM F439.** Standard Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80 — materials, workmanship, dimensions, and burst pressure
- **ASTM F437.** Standard Specification for Threaded Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80 — applies to threaded configurations
- **ASTM D1784.** Standard Specification for Rigid Poly(Vinyl Chloride) (PVC) Compounds and Chlorinated Poly(Vinyl Chloride) (CPVC) Compounds — fitting material
- **ASME B1.20.1.** Pipe Threads, General Purpose, Inch (NPT) — threaded ends only

NOTES FROM THE STANDARDS

- ASTM F439 covers CPVC Schedule 80 pipe fittings and includes requirements for materials, workmanship, dimensions, and burst pressure.
- Threaded CPVC Schedule 80 fittings are specified by ASTM F437 (and are noted in ASTM F439 as having been covered previously in F437).
- Solvent cement used to join socket CPVC fittings is specified by ASTM F493. That is a joining-material standard, not a listing or an approval of the fitting.
- CPVC Schedule 80 pipe, when used with these fittings, is specified by ASTM F441/F441M. Pipe is not the product covered by this sheet.
- This sheet does not list pressure ratings, temperature ratings, or third-party certifications, and it does not apply to CPVC fire-sprinkler systems.

This sheet summarizes publicly stated requirements of the standards named above. It is not a substitute for the official ASTM or ASME standard, a mill test report, or a manufacturer's certified submittal. Global Plumbing and Fire Supply (GPFS) is the supplier of the items described here and does not claim to manufacture them unless a GPFS house brand is expressly identified. Confirm size, end configuration, and any project-specific requirements before installation. Listings, listing marks (including UL, FM, NSF or UPC), lead-free status, and pressure ratings are omitted unless they are required by a standard named on this sheet; do not infer them from this document. GPFS may change suppliers. This document is a preview for internal review and job-submittal use; it has not been uploaded to gpfsgroup.com.