

SPECIFICATION SHEET

PPSU PEX Fitting - Elbow with Male NPT

Rev. 1.2 Issued: December 2018



Materials

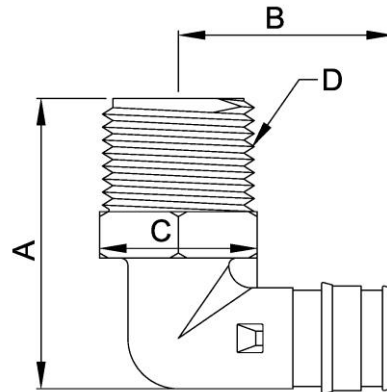
Solvay Acudel 22000 BK937 /NT15 or Radel
R5100 BK937 /NT15

Product Information:

The components covered by this specification are intended for use in residential building and commercial building only.

The applications include:

- (a) Plumbing systems - Hot and cold potable water distribution systems
- (b) Radiant Heating and Cooling Systems
- (c) Maximum Working temperature/Pressure
210°F (99°C) at 150psi (1034kPa)



Drawing / PN#	A (mm)	B (mm)	C (mm)	D	Weight (g)	Description
U5520-W/B	40.6	37.1	22.0	1/2" NPT	11.61	1/2" PEX x 1/2" Male NPT Elbow

Installation:

1. Use listed expansion ring and Pex-a tubing for assembly.
2. Tight Lock force should be 30 lbs/inch with tolerance +/- 2.5 lbs/inch.
3. Thread fitting design need match supply fitting and supply fitting's specification should according to 4.4.7 figure 2-a of ASME A112.18.1-2011 /CSA B125.1-11. No burrs, flash, sharp edge is allowed on sealing surface of shanks.
4. Use PTFE tape as a thread sealant if needed.

Standard

CSA B137.5; ASTM F1960, F877; NSF61;
NSF14; NSF372

Remark:

Each fitting has "NCI" trademark;

Additional testing, requirements or certification are required if fittings are used other than residential building and commercial building.

Listing

IAPMO file #N5932, 6020, 7653, 10450

Contact Information:

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NOTE:

Our PPSU pex fittings have been made white or black in color so that any harmful chemical or UV exposure can be witnessed, and suspect fittings can be removed from use.

Do not expose PPSU fittings to any foreign substance that includes but is not limited to VOC (volatile organic chemical) compounds, paints, solvents, glues, cleaners and disinfectants. PPSU pex fittings that are exposed to these types of substances are at risk of failures.

PPSU pex fittings must be protected from UV exposure, which can damage them. UV exposure during storage, handling and installation should not exceed 15 days.