



THORO-BRAID®

Clear PVC Hose

FDA

Series 7581

Series 7581 is a flexible PVC transfer hose for dry abrasive materials such as grains, granules, pellets and powders; beverages and potable water; and non-fatty and non-oily foods and sanitary products. This hose features a smooth tube that is abrasion resistant and will not impart taste or odor, and allows full-flow. The clear PVC construction permits visual observation of materials being conveyed. Series 7581 also provides excellent general industrial service in air, flexible conduit and water applications. The red tracer yarn provides easily identifiable color-coding.

Tube:	Clear PVC
Reinforcement:	Multiple textile plies with longitudinal red tracer yarn
Cover:	Blue tint PVC; smooth finish
Temp. Range:	+14°F to +140°F (-10°C to +60°C) Working pressures are at 68°F (20°C). Higher temperatures reduce the available working pressure. See the PVC and Thermoplastic Temperature/Pressure chart on page 445.
Brand Method:	Not branded
Industry Standards:	FDA
Applications:	<ul style="list-style-type: none"> • Beverages, potable and pure water • Dry abrasive materials, flour, grains, granules, pellets, powders, sugar • Air, flexible conduit, light vacuum, wire harness
Vacuum:	Not recommended
Compare to:	Gates 7744; Jason 4511; Kentak 50H, Pacific Echo 410; Petzetakis 10206; Superflex BTC; Vehance Pliovic 200
Packaging:	Coils

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	△ Max Rec WP @ 68°F (psi)	△ Max Rec WP @ 20°C (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
7581-251	1/4	6.4	2	0.490	12.4	0.07	0.03	3.0	76.2	355	24.5	*	300	Y
7581-381	3/8	9.5	2	0.600	15.2	0.10	0.05	4.0	101.6	315	21.7	*	300	Y
7581-501	1/2	12.7	2	0.750	19.1	0.12	0.05	5.0	127.0	215	14.8	*	300	Y
7581-631	5/8	15.9	2	0.870	22.1	0.17	0.08	6.0	152.4	185	12.8	*	300	Y
7581-751	3/4	19.1	2	1.030	26.2	0.21	0.10	7.0	177.8	170	11.7	*	300	Y
7581-1001	1	25.4	2	1.300	33.0	0.28	0.13	9.0	228.6	140	9.7	*	300	Y
7581-1251	1-1/4	31.8	2	1.610	40.9	0.42	0.19	12.0	304.8	115	7.9	*	100	Y
7581-1501	1-1/2	38.1	2	1.890	48.0	0.58	0.26	15.0	381.0	100	6.9	*	100	Y
7581-2001	2	50.8	2	2.400	61.0	0.75	0.34	18.0	457.2	85	5.9	*	100	Y

* **Couplings:** Refer to CrimpSource at www.safehose.com for coupling recommendations and crimp specifications.

** **Stock:** "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

⚠️ WARNINGS!

- ▶ Couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. [Refer to the NAHAD Industrial Hose Assembly Guidelines.](#)
- ⚠️ Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. [See the PVC and Thermoplastic Temperature/Pressure chart on page 445.](#)