

Chemical Feed Tubing



- Extruded from high-quality resin for long-term strength and durability
- Exceptional resistance to stress cracking

Use this premium industrial-strength tubing for longer life, less maintenance and less downtime. For correct sizing, measure tubing using OD (outside diameter). **Note:** Tubing is sold only in the prepackaged lengths shown. For other sizes and materials not shown here, contact USABlueBook for assistance.

PVC Suction Tubing

- Ideal for the suction side of chemical feed pumps, and for some low-pressure applications



COLOR	OD	ID	WORKING PSI @ 73°F	25' ROLL STOCK #	EACH	50' ROLL STOCK #	EACH	100' ROLL STOCK #	EACH	FULL ROLL, 500' STOCK #	EACH
STANDARD TUBING											
Clear	5/16"	3/16"	55	17165	\$	17207	\$	62412	\$	62425	\$
Clear	3/8"	1/4"	55	17196		17209		62401		62426	
Clear	7/16"	5/16"	50	17197		17210		62423		62427	
Clear	1/2"	3/8"	45	17198		17211		62403		62428	
Clear	3/4"	1/2"	45	17199		17212		62405		62429	
NSF-51 CERTIFIED TUBING											
Clear	5/16"	3/16"	55	—	—	—	—	351000	\$	351001	\$
Clear	3/8"	1/4"	55	—	—	—	—	351002		351003	
Clear	7/16"	5/16"	50	—	—	—	—	351004		351005	
Clear	1/2"	3/8"	40	—	—	—	—	351006		351007	
Clear	3/4"	1/2"	45	—	—	—	—	351008		—	—



Liner Low Density Polyethylene (LLDPE) Discharge Tubing

- Stands up to harsh chemicals and high pressure—a great choice for chemical feed pump discharge
- Black tubing is ideal for UV resistance in outdoor applications



COLOR	OD	ID	WORKING PSI @ 73°F	25' ROLL STOCK #	EACH	50' ROLL STOCK #	EACH	100' ROLL STOCK #	EACH	FULL ROLL, 500' STOCK #	EACH
STANDARD TUBING											
Translucent	1/4"	0.17"	205	17200	\$	17213	\$	62407	\$	62434	\$
Black	1/4"	0.17"	205	17107		17111		62439		63424	
Translucent	3/8"	1/4"	214	17201		17214		62409		63425	
Black	3/8"	1/4"	214	17202		17215		62411		63426	
Translucent	1/2"	3/8"	153	17203		17216		62413		63427	
Black	1/2"	3/8"	153	17204		17217		62415		63428	
Translucent	5/8"	1/2"	119	351010		351011		351012		—	—
Black	5/8"	1/2"	119	17205		17218		62416		63429	
NSF-61 CERTIFIED TUBING											
Translucent	1/4"	1/8"	358	79018	\$	79017	\$	79016	\$	—	—
Black	1/4"	0.17"	205	351014		351015		351016		351017	\$
Translucent	3/8"	1/4"	214	79021		79020		79019		—	—
Black	3/8"	1/4"	214	351018		351019		351020		351021	
Translucent	1/2"	3/8"	153	79024		79023		79022		—	—
Black	1/2"	3/8"	153	351022		351023		351024		351025	
Translucent	5/8"	1/2"	119	78693		79026		79025		—	—
Black	5/8"	1/2"	119	351026		351027		351028		—	—



High Density Polyethylene (HDPE) Discharge Tubing

- Handles harsh chemicals and high pressure; ideal for chemical feed pump discharge
- Black tubing offers UV resistance in outdoor applications



COLOR	OD	ID	WORKING PSI @ 73°F	25' ROLL STOCK #	EACH	50' ROLL STOCK #	EACH	100' ROLL STOCK #	EACH	FULL ROLL, 500' STOCK #	EACH
STANDARD TUBING											
Translucent	1/4"	1/8"	456	79006	\$	79005	\$	79004	\$	—	—
Black	1/4"	0.17"	260	351030		351031		351032		—	—
Translucent	3/8"	1/4"	272	79009		79008		79007		351039	\$
Black	3/8"	1/4"	300	360921		360922		360923		360924	
Translucent	1/2"	3/8"	194	79012		79011		79010		351040	
Black	1/2"	3/8"	225	360925		360926		360927		360928	
Translucent	5/8"	1/2"	151	79015		79014		79013		—	—
Black	5/8"	1/2"	151	351034		351035		351036		—	—
NSF-61 CERTIFIED TUBING											
Translucent	1/4"	0.17"	260	351042	\$	351043	\$	351044	\$	—	—
Black	1/4"	0.17"	260	351046		351047		351048		—	—
Translucent	3/8"	1/4"	272	351050		351051		351052		—	—
Black	3/8"	1/4"	300	351054		351055		351056		—	—
Translucent	1/2"	3/8"	194	351058		351059		351060		—	—
Black	1/2"	3/8"	225	351062		351063		351064		—	—



PVDF Tubing

- Excellent chemical resistance
- Cost-effective alternative to fluoropolymer tubing
- Continuous service temperature up to 235°F

PVDF polyvinylidene fluoride tubing provides excellent chemical resistance against highly corrosive chemicals. Use it as a cost-effective alternative to expensive fluoropolymer tubing in applications where high levels of purity are essential. Tubing helps minimize fatigue and stress cracks caused by chemical attack that are often associated with polyethylene tubing. Continuous service temperature up to 235°F.

Note: Burst pressure is only meant as a guideline and is not considered a definitive rating. It is calculated at room temperature and does not factor in steam pressure, altitude, etc.

COLOR	OD	ID	BURST PSI @ 70°F	25' ROLL STOCK #	EACH	50' ROLL STOCK #	EACH	100' ROLL STOCK #	EACH
Translucent	1/4"	1/8"	3000	72907	\$	72911	\$	72915	\$
Translucent	3/8"	1/4"	1923	72908		72912		72916	
Translucent	1/2"	3/8"	1400	72909		72913		72917	
Translucent	5/8"	1/2"	1098	72910		72914		72918	



PTFE Tubing

- Best chemical resistance against highly corrosive acids and bases
- Continuous service temperature up to 500°F

PTFE fluoropolymer tubing is resistant against highly corrosive acids and bases, including solvents. This makes it the best tubing for applications requiring high temperature tolerance, chemical resistance and biocompatibility. Working temperature ranges from -454 to 500°F.

Note: Burst pressure is only meant as a guideline and is not considered a definitive rating. It is calculated at room temperature and does not factor in steam pressure, altitude, etc.

COLOR	OD	ID	BURST PSI @ 70°F	25' ROLL STOCK #	EACH	50' ROLL STOCK #	EACH	100' ROLL STOCK #	EACH
Translucent	1/4"	1/8"	1500	72919	\$	72923	\$	72927	\$
Translucent	3/8"	1/4"	962	72920		72924		72928	
Translucent	1/2"	3/8"	700	72921		72925		72929	
Translucent	5/8"	1/2"	549	72922		72926		72930	



FEP Tubing

- The most flexible fluoropolymer-based tubing available
- UV resistant—great for outdoor applications
- Stands up to harsh chemicals, including solvents

FEP tubing is the most flexible fluoropolymer tubing available. It's transparent, UV-resistant and has an absorption rate of less than 1%. It stands up to many harsh chemicals, including solvents. Use it in a wide variety of applications, including outdoor and environmental ones. Maximum temperature rating is 400°F.

Note: Burst pressure is only meant as a guideline and is not considered a definitive rating. It is calculated at room temperature and does not factor in steam pressure, altitude, etc.

COLOR	OD	ID	BURST PSI @ 70°F	25' ROLL STOCK #	EACH	50' ROLL STOCK #	EACH	100' ROLL STOCK #	EACH
Clear	1/4"	1/8"	1800	72931	\$	72935	\$	72939	\$
Clear	3/8"	1/4"	1154	72932		72936		72940	
Clear	1/2"	3/8"	840	72933		72937		72941	
Clear	5/8"	1/2"	659	72934		72938		72942	



PFA Tubing

- Combines the temperature tolerance of PTFE and the flexibility of FEP
- For high-purity applications requiring low levels of chemical extractables
- Maximum temperature rating of 500°F

PFA fluoropolymer tubing combines the temperature tolerance of PTFE tubing with the flexibility of FEP tubing. It has low levels of chemical extractables, so it is resistant to many aggressive and corrosive chemicals—including most common solvents. Maximum temperature rating is 500°F.

Note: Burst pressure is only meant as a guideline and is not considered a definitive rating. It is calculated at room temperature and does not factor in steam pressure, altitude, etc.

COLOR	OD	ID	BURST PSI @ 70°F	25' ROLL STOCK #	EACH	50' ROLL STOCK #	EACH	100' ROLL STOCK #	EACH
Clear	1/4"	1/8"	2400	72943	\$	72947	\$	72951	\$
Clear	3/8"	1/4"	1538	72944		72948		72952	
Clear	1/2"	3/8"	1120	72945		72949		72953	
Clear	5/8"	1/2"	878	72946		72950		72954	



CHEMICAL FEED & DISINFECTION Tubing & Fittings

Clear Braided PVC Hose

• NSF-51 certified

Clear braided PVC hose serves as flexible piping for chemical transfer applications.



Tubing sizes, whether plastic, copper or steel, are measured OD. Therefore, the ID can vary depending on wall thickness.

Pipe and hose sizes, on the other hand, are measured ID. Variations in wall thickness due to different classes or materials will result in different ODs for a given size pipe.

operator notes

Clear Braided PVC Hose—NSF-51 Certified

COLOR	OD	ID	WORKING PSI @ 73°F	10' ROLL STOCK #	EACH	25' ROLL STOCK #	EACH	50' ROLL STOCK #	EACH	FULL ROLL, 100' STOCK #	EACH
Clear, Braided	0.438"	1/4"	250	351074	\$	351075	\$	351076	\$	351077	\$
Clear, Braided	0.594"	3/8"	225	351078		351079		351080		351081	
Clear, Braided	3/4"	1/2"	200	351082		351083		351084		351085	
Clear, Braided	1 1/32"	3/4"	150	360929		360930		360931		360932	
Clear, Braided	1 3/8"	1"	125	360933		360934		360935		360936	
Clear, Braided	1 3/4"	1 1/4"	100	360937		360938		360939		360940	
Clear, Braided	1.93"	1 1/2"	70	360941		360942		360943		360944	
Clear, Braided	2 1/2"	2"	50	360945		360946		360947		360948	



316 Stainless Steel Tubing & Fittings

Stainless steel tubing is stocked in pre-cut 5-ft lengths for ease of shipping. Lengths up to 20 feet are available. Contact USABlueBook for more information.

Tubing **NEW!**

OD x L	STOCK #	EACH
1/4" x 5'	351151	\$
3/8" x 5'	351152	
1/2" x 5'	351153	



Male Connectors

TUBE x NPT(M)	STOCK #	EACH
1/4" x 1/4"	42246	\$
1/4" x 1/2"	42247	
3/8" x 1/4"	42248	
3/8" x 3/8"	42249	
3/8" x 1/2"	42250	
1/2" x 3/8"	42251	
1/2" x 1/2"	42252	



Male Elbows

TUBE x NPT(M)	STOCK #	EACH
1/4" x 1/4"	42253	\$
1/4" x 1/2"	42254	
3/8" x 1/4"	42255	
3/8" x 3/8"	42256	
1/2" x 3/8"	42257	
1/2" x 1/2"	42258	



Male Branch Tees

TUBE x TUBE x NPT(M)	STOCK #	EACH
1/4" x 1/4" x 1/4"	42259	\$
3/8" x 3/8" x 3/8"	42260	
1/2" x 1/2" x 1/2"	42261	



Unions

TUBE x TUBE	STOCK #	EACH
1/4" x 1/4"	42262	\$
1/4" x 1/2"	42263	
3/8" x 1/4"	42264	
3/8" x 3/8"	42265	
1/2" x 3/8"	42266	
1/2" x 1/2"	42267	



Union Tees

TUBE x TUBE x TUBE	STOCK #	EACH
1/4" x 1/4" x 1/4"	42268	\$
3/8" x 3/8" x 3/8"	42269	
1/2" x 1/2" x 1/2"	42270	



Female Connectors

TUBE x NPT(F)	STOCK #	EACH
1/4" x 1/4"	42271	\$
1/4" x 1/2"	42272	
3/8" x 1/4"	42273	
3/8" x 3/8"	42274	
1/2" x 3/8"	42275	
1/2" x 1/2"	42276	



Female Elbows

TUBE x NPT(F)	STOCK #	EACH
1/4" x 1/2"	42278	\$
3/8" x 1/4"	42279	
3/8" x 3/8"	42280	
1/2" x 3/8"	42281	
1/2" x 1/2"	42282	



Replacement Nuts

SIZE	STOCK #	EACH
1/4"	42283	\$
3/8"	42284	
1/2"	42285	



Replacement Ferrules

SIZE	STOCK #	EACH
1/4"	42286	\$
3/8"	42287	
1/2"	42288	



Don't see your tubing? Give us a call—we can provide a wide variety of tubing. We can usually get it to you within a few days!