



Lined Valve Expert



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We focus on Details
We Make Different
FVFT Brand, that can be trust.

FVFT Technology Founded in year 2010, we specialize in Manufacturing Various Lined Valves&Fittings, Including PTFE/PFA/FEP Lined Valve and Ceramic Lined Valve, as well as standard and customized fittings. The products are widely used in modern anti-corrosion engineering fields such as Lithium Battery, petroleum, chemical industry, pharmacy, printing and dyeing, electrical engineering, ship building, metallurgy, military industry, semiconductor chemistry, electronic phosphoric acid, Etc.

Our Principle: Pragmatic, Creative and Excellent.
FVFT Brand that you can trust.

FVFT Product Line:
Lined Valves (Lined Butterfly Valve, Lined Ball Valve, Lined Diaphragm Valve Etc.)
Lined Pipe&Fittings (Y-Type Strainer, Sight Glass, Elbow, Tee, Reducer, Expansion Joint, Pipe Etc.)
Ceramic Lined Valve (Ceramic Lined Butterfly Valve, Ceramic Lined Ball Valve, Ceramic Lined Diaphragm Valve Etc.)
Ceramic Lined Fitting (Y-Type Strainer, Sight Glass, Elbow, Tee, Reducer, Expansion Joint, Pipe Etc.)
Plastic Valve&Fitting (Plastic Globe Valve, Plastic Check Valve, Plastic Y-Type Strainer Etc.)



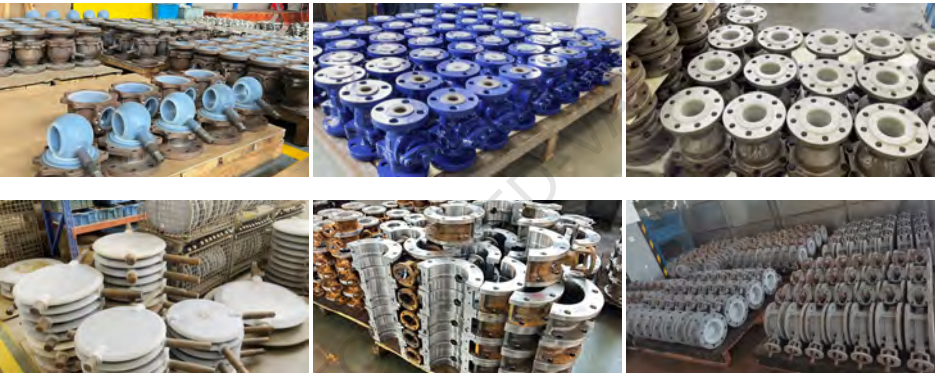
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Processing



Stockage



Inspection





Lined Ball Valve



Ball Valve Series

FVFT lined ball valves include two-piece and three-piece types. In addition to the advantages of small fluid resistance, fast opening and closing, simple structure as normal ball valves, it also has the following advantages:

1. The Lined ball valve which is lined with corrosion resistant fluorine plastic can withstand any corrosive medium, except for "molten alkali metal and element fluorine".
2. With full port, floating ball structure, the valve can be closed without leakage in the whole pressure range, which is more convenient for the pipeline system to sweep the line through the ball and pipeline maintenance.
3. The ball is integrated with stem by casting (forging), which will not cause the possibility of stem impact in the bearing parts due to pressure change.
4. It has the advantages of compact and reasonable structure, small body cavity space and reduction the retention of media. In addition, the special molding process results in good sealing surface density.



Lined Ball Valve DIN

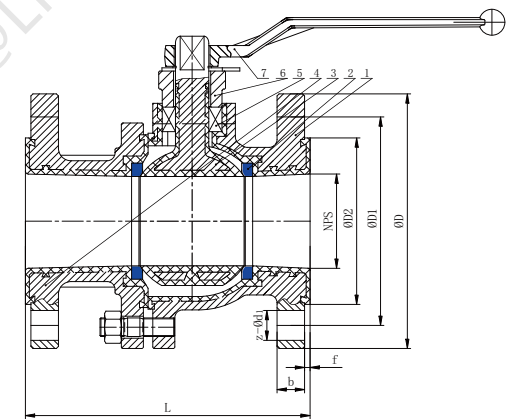


Technical Specification

Design & Manufacture Standard		HG/T 3704	
Face-to-face Standard		Manufacturer's standard	
Flange Standard		EN1092-1	
Inspection and Test Standard		API 598	
Nominal Pressure		1.0MPa	1.6MPa
Pressure Test	Shell Test	1.5MPa	2.4MPa
	Seal Test	1.1MPa	1.76MPa
	Air Seal Test	0.6MPa	0.6MPa

Operation

- Lever
- Worm Gear
- Pneumatic
- Electric



Material List of Main Parts

No.	Part Name	Material				
1	Body	A216 WCB	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
2	Seat	PTFE				
3	Ball	A216 WCB	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
4	Bonnet	A216 WCB	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
5	Packing	PTFE				
6	Packing Gland	A216 WCB	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
7	Lever	WCB CF8				
Lining of Body and Ball		PTFE PFA FEP				

Lined Ball Valve DIN

DIMENSIONS

unit:mm

DN	L	D	D1	D2	f	b	Z-Φd	W(Kg)
PN10								
15	140	95	65	45	3	16	4-Φ14	2.5
20	140	105	75	58	3	18	4-Φ14	3
25	150	115	85	68	3.5	18	4-Φ14	4.5
32	165	140	100	78	3.5	18	4-Φ18	5.7
40	180	150	110	88	3.5	18	4-Φ18	7
50	200	165	125	102	4	18	4-Φ18	9.5
65	220	185	145	122	4	18	4/8-Φ18	15
80	250	200	160	138	4	20	8-Φ18	19
100	280	220	180	158	4.5	20	8-Φ18	33
125	320	250	210	188	4.5	22	8-Φ18	58
150	360	285	240	212	4.5	22	8-Φ22	93
200	400	340	295	268	5	24	8-Φ22	155
250	450	395	350	320	5	26	12-Φ22	210
300	610	445	400	370	5	26	12-Φ22	330
350	686	505	460	430	5	26	16-Φ22	440
400	762	565	515	482	5	26	16-Φ26	550
PN16								
15	140	95	65	45	3	16	4-Φ14	2.5
20	140	105	75	58	3	18	4-Φ14	3
25	150	115	85	68	3.5	18	4-Φ14	4.5
32	165	140	100	78	3.5	18	4-Φ18	5.7
40	180	150	110	88	3.5	18	4-Φ18	7
50	200	165	125	102	4	18	4-Φ18	9.5
65	220	185	145	122	4	18	4/8-Φ18	15
80	250	200	160	138	4	20	8-Φ18	19
100	280	220	180	158	4.5	20	8-Φ18	33
125	320	250	210	188	4.5	22	8-Φ18	58
150	360	285	240	212	4.5	22	8-Φ22	93
200	400	340	295	268	5	24	12-Φ22	155
250	450	405	355	320	5	26	12-Φ26	210
300	610	460	410	378	5	28	12-Φ26	350
350	686	520	470	428	5	30	16-Φ26	460
400	762	580	525	490	5	32	16-Φ30	550
PN25								
15	140	95	65	45	3	16	4-Φ14	2.5
20	140	105	75	58	3	18	4-Φ14	3
25	150	115	85	68	3.5	18	4-Φ14	4.5
32	165	140	100	78	3.5	18	4-Φ18	5.7
40	180	150	110	88	3.5	18	4-Φ18	7
50	200	165	125	102	4	20	4-Φ18	9.5
65	220	185	145	122	4	22	8-Φ18	15
80	250	200	160	138	4	24	8-Φ18	19
100	280	235	190	160	4.5	24	8-Φ22	33
125	320	270	220	188	4.5	26	8-Φ26	58
150	360	300	250	218	4.5	28	8-Φ26	93
200	400	360	310	278	5	30	12-Φ26	155
250	450	425	370	335	5	32	12-Φ30	210
300	610	485	430	395	5	34	16-Φ30	230
350	686	555	490	450	5	38	16-Φ33	250

Lined Ball Valve ANSI

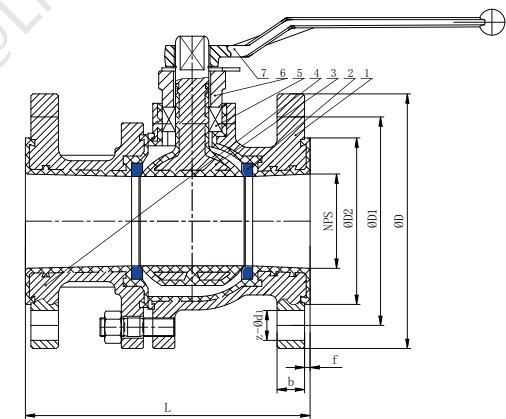


Technical Specification

Design & Manufacture Standard		API 608 / API 6D
Face-to-face Standard		ASME B16.10
Flange Standard		ASME B16.5
Inspection and Test Standard		API 598
Nominal Pressure		150LB
Pressure Test	Shell Test	1.5MPa
	Seal Test	1.1MPa
	Air Seal Test	0.6MPa

Operation

- Lever
- Worm Gear
- Pneumatic
- Electric



Material List of Main Parts

No.	Part Name	Material				
1	Body	A216 WCB	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
2	Seat	PTFE				
3	Ball	A216 WCB	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
4	Bonnet	A216 WCB	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
5	Packing	PTFE				
6	Packing Gland	A216 WCB	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
7	Lever	IRON SS304				
Lining of Body and Ball		PTFE PFA FEP				

Lined Ball Valve ANSI

DIMENSIONS 150LB

unit:mm

NPS (inch)	DN (mm)	L	D	D1	D2	f	b	Z-Φd	W(Kg)
1/2	15	108	90	60.3	34.9	3	11.6	4-Φ15.9	2.5
3/4	20	117	100	69.9	42.9	3	13.2	4-Φ15.9	3
1	25	127	110	79.4	50.8	3.5	14.7	4-Φ15.9	4.5
1-1/4	32	140	115	88.9	63.5	3.5	16.3	4-Φ15.9	5.7
1-1/2	40	165	125	98.4	73	3.5	17.5	4-Φ15.9	9.5
2	50	178	150	120.7	92.1	4	19.5	4-Φ19	15
2-1/2	65	190	180	139.7	104.8	4	22.7	4-Φ19	19
3	80	203	190	152.4	127	4	24.3	4-Φ19	30
4	100	229	230	190.5	157.2	4.5	24.3	8-Φ19	58
5	125	356	255	215.9	185.7	4.5	24.3	8-Φ22.2	93
6	150	394	280	241.3	215.9	4.5	25.9	8-Φ22.2	155
8	200	457	345	298.5	269.9	5	29	8-Φ22.2	210
10	250	533	405	362	323.8	5	30.6	12-Φ25.4	295
12	300	610	480	431.8	381	5	32.2	12-Φ25.4	305

DIMENSIONS 300LB

unit:mm

NPS (inch)	DN (mm)	L	D	D1	D2	f	b	Z-Φd	W(Kg)
1/2	15	140	95	66.7	34.9	3	14.7	4-Φ15.9	3
3/4	20	152	115	82.6	42.9	3	16.3	4-Φ19	4
1	25	165	125	88.9	50.8	3.5	17.9	4-Φ19	6
1-1/4	32	178	135	98.4	63.5	3.5	19.5	4-Φ19	8
1-1/2	40	190	155	114.3	73	3.5	21.1	4-Φ22	11
2	50	216	165	127	92.1	4	22.7	8-Φ19	17
2-1/2	65	241	190	149.2	104.8	4	25.9	8-Φ22	23
3	80	282	210	168.3	127	4	29	8-Φ22	33
4	100	305	255	200	157.2	4.5	32.2	8-Φ22	63
5	125	381	280	235	185.7	4.5	35.4	8-Φ22	115
6	150	403	320	269.9	215.9	4.5	37	12-Φ22	165
8	200	502	380	330.2	269.9	5	41.7	12-Φ25.4	225
10	250	568	445	387.4	323.8	5	48.1	16-Φ28.6	298
12	300	648	520	450.8	381	5	51.3	16-Φ31.8	305

Lined Ball Valve ANSI
Midsplit Type

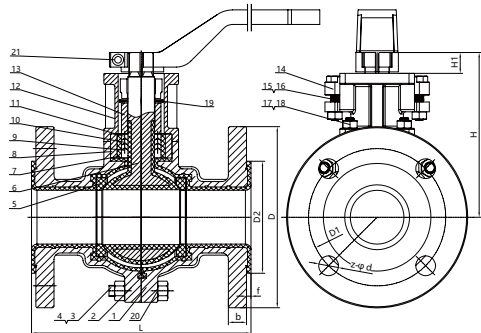


Technical Specification

Design & Manufacture Standard		API 608 / API 6D
Face-to-face Standard		ASME B16.10
Flange Standard		ASME B16.5
Inspection and Test Standard		API 598
Nominal Pressure		150LB
Pressure Test	Shell Test	1.5MPa
	Seal Test	1.1MPa
	Air Seal Test	0.6MPa

Operation

- Lever
- Worm Gear
- Pneumatic
- Electric



Material List of Main Parts

No.	Part Name	Material				
1&2	Body	A216 WCB	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
3&4	Bolt & Hex Nut	A193 B7 & A194 2H	SS304	SS304	SS304	SS304
5	Seat	PTFE	PTFE	PTFE	PTFE	PTFE
6	Ball	A216 WCB	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
7	Packing	PTFE	PTFE	PTFE	PTFE	PTFE
8	Metallic Stuffing	AISI 1025	AISI 1025	AISI 1025	AISI 1025	AISI 1025
9&10&11	V-Shape Packing	PTFE	PTFE	PTFE	PTFE	PTFE
12	Bracket	A216 WCB	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
13	Packing Bushing	AISI 1025	AISI 1025	AISI 1025	AISI 1025	AISI 1025
14	Packing Gland	A216 WCB	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
15&16&17&18	Bolt&Hex Nut	A193 B7 & A194 2H	SS304	SS304	SS304	SS304
19	Belleville Spring	50CrVA	50CrVA	50CrVA	50CrVA	50CrVA
20	Spring Washer	65MN	65MN	65MN	65MN	65MN
21	Lever	IRON SS304				
Lining of Body and Ball		PTFE PFA FEP				

Lined Ball Valve ANSI
Midsplit Type

DIMENSIONS 150LB

unit:mm

NPS	L	D	D1	D2±2	Z-Φd	b	f	ISO	H	H1
1/2"	130	Φ90	Φ60.3	Φ38	4-Φ16	8	4	F05/07	115	17
3/4"	140	Φ100	Φ69.9	Φ46	4-Φ16	8.9	4	F05/07	115	17
1"	127	Φ110	Φ79.4	Φ50.8	4-Φ16	9.6	4	F05/07	120	17
1-1/4"	140	Φ115	Φ88.9	Φ63.5	4-Φ16	11.2	4	F05/07	128	17
1-1/2"	165	Φ125	Φ98.4	Φ73	4-Φ16	12.7	4	F07/10	145	19
2"	178	Φ150	Φ120.7	Φ92	4-Φ19	14.3	4	F07/10	150	19
2-1/2"	190	Φ180	Φ139.7	Φ105	4-Φ19	15.9	4	F10/12	187	23
3"	203	Φ190	Φ152.4	Φ126	4-Φ19	17.5	4	F10/12	200	24
4"	229	Φ230	Φ190.5	Φ157	8-Φ19	22.3	4	F10/12	209	24
5"	356	Φ255	Φ215.9	Φ186	8-Φ22.5	22.3	5	F12/14	245	29
6"	394	Φ280	Φ241.3	Φ210	8-Φ22.5	23.9	5	F12/14	275	31
8"	457	Φ345	Φ298.5	Φ265	8-Φ22.5	27	6	F14/16	345	42
10"	533	Φ405	Φ362	Φ315	12-Φ25.5	28.6	6	F16	426	49

Lined 3-Way Ball Valve

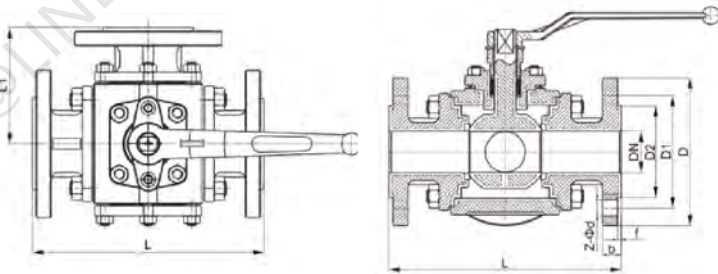


Technical Specification

Design & Manufacture Standard		HG/T 3704		API 608, API 6D
Face-to-face Standard		Manufacturer's standard		Manufacturer's standard
Flange Standard		EN1092-1		ASME B16.5
Inspection and Test Standard		API 598		API 598
Nominal Pressure		1.0 Mpa	1.6 Mpa	150 LB
Pressure Test	Shell Test	1.5 MPa	1.5 MPa	1.5 MPa
	Seal Test	1.1 MPa	1.1 MPa	1.1 MPa
	Air Seal Test	0.6 MPa	0.6 MPa	0.6 MPa

Operation

- Lever
- Worm Gear
- Pneumatic
- Electric



Material List of Main Parts

No.	Part Name	Material				
1&2	Body	A216 WCB	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
3&4	Bolt & Hex Nut	A193 B7 & A194 2H	SS304	SS304	SS304	SS304
5	Seat	PTFE	PTFE	PTFE	PTFE	PTFE
6	Ball	A216 WCB	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
7	Packing	PTFE	PTFE	PTFE	PTFE	PTFE
8	Metallic Stuffing	AISI 1025	AISI 1025	AISI 1025	AISI 1025	AISI 1025
9&10&11	V-Shape Packing	PTFE	PTFE	PTFE	PTFE	PTFE
12	Bracket	A216 WCB	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
13	Packing Bushing	AISI 1025	AISI 1025	AISI 1025	AISI 1025	AISI 1025
14	Packing Gland	A216 WCB	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
15&16&17&18	Bolt&Hex Nut	A193 B7 & A194 2H	SS304	SS304	SS304	SS304
19	Belleville Spring	50CrVA	50CrVA	50CrVA	50CrVA	50CrVA
20	Spring Washer	65MN	65MN	65MN	65MN	65MN
21	Lever	IRON SS304				
Lining of Body and Ball		PTFE PFA FEP				

Lined 3-Way Ball Valve

T-Type

Option1	Option2	Option3
Open Close	Open Close	Open Close

L-Type

Option1	Option2
Open Close	Open Close

DIMENSIONS PN10/PN16

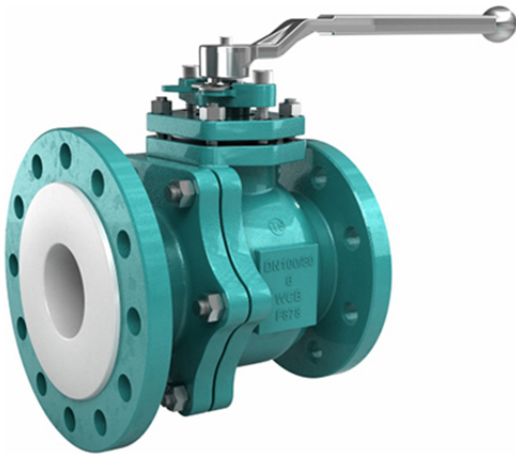
DN(mm)	L	L1	D	D1	D2	f	b	Z-Φd
25	240	120	115	85	68	3.5	18	4-Φ14
32	240	120	140	100	78	3.5	18	4-Φ18
40	260	130	150	110	88	3.5	18	4-Φ18
50	260	130	165	125	102	4	18	4-Φ18
65	320	160	185	145	122	4	18	8-Φ18
80	320	160	200	160	138	4	20	8-Φ18
100	370	185	220	180	158	4.5	20	8-Φ18
125	510	255	250	210	188	4.5	22	8-Φ18
150	510	255	285	240	212	4.5	22	8-Φ22

DIMENSIONS 150LB

NPS(inch)	L	L1	D	D1	D2	f	b	Z-Φd
1"	240	120	110	79.4	50.8	3.5	14.7	4-Φ15.9
1-1/4"	240	120	115	88.9	63.5	3.5	16.3	4-Φ15.9
1-1/2"	260	130	125	98.4	73	3.5	17.5	4-Φ15.9
2"	260	130	150	120.7	92.1	4	19.5	4-Φ19.1
2-1/2"	320	160	180	139.7	104.8	4	22.7	4-Φ19.1
3"	320	160	190	152.4	127	4	24.3	4-Φ19.1
4"	370	185	230	190.5	157.2	4.5	24.3	8-Φ19.1
5"	510	255	255	215.9	185.7	4.5	24.3	8-Φ22.2
6"	510	255	280	241.3	215.9	4.5	25.9	8-Φ22.2

Lined Discharge Ball Valve

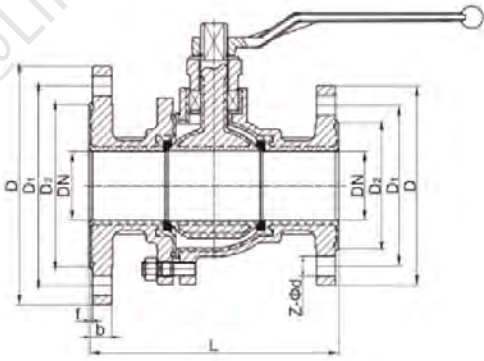
Technical Specification



Design & Manufacture Standard		HG/T 3704	
Face-to-face Standard		Manufacturer's standard	
Flange Standard		EN1092-1	
Inspection and Test Standard		API 598	
Nominal Pressure		1.0 Mpa	1.6 Mpa
Pressure Test	Shell Test	1.5 MPa	1.5 MPa
	Seal Test	1.1 MPa	1.1 MPa
	Air Seal Test	0.6 MPa	0.6 MPa

Operation

- Lever
- Worm Gear
- Pneumatic
- Electric



Material List of Main Parts

No.	Part Name	Material				
1	Body	A216 WCB	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
2	Seat	PTFE	PTFE	PTFE	PTFE	PTFE
3	Ball	A216 WCB	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
4	Bonnet	A216 WCB	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
5	Packing	PTFE	PTFE	PTFE	PTFE	PTFE
6	Packing Gland	A216 WCB	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
7	Lever	IRON SS304	IRON SS304	IRON SS304	IRON SS304	IRON SS304
Lining of Body and Ball		PTFE PFA FEP				

Lined Discharge Ball Valve

DIMENSIONS PN10/PN16

unit:mm

DN(mm)	L	D	D1	D2	f	b	Z-Φd
25/40	140	115/130	85/100	68/80	3/3.5	18/18	4-Φ14 / 4-Φ14
25/50	140	115/140	85/110	68/90	3/4	18/18	4-Φ14 / 4-Φ14
32/50	165	140/140	100/110	78/80	3.5/4	18/18	4-Φ18 / 4-Φ14
32/65	165	140/160	100/130	78/110	3.5/4	18/18	4-Φ18 / 4-Φ14
40/80	170	150/190	110/150	88/128	3.5/4	18/18	4-Φ18 / 4-Φ18
40/100	170	150/210	110/170	88/148	3.5/4.5	18/18	4-Φ18 / 4-Φ18
40/125	170	150/240	110/200	88/178	3.5/4.5	18/18	4-Φ18 / 8-Φ18
50/80	190	165/190	125/150	102/128	4/4	18/20	4-Φ18 / 4-Φ18
50/100	190	165/210	125/170	102/148	4/4.5	18/20	4-Φ18 / 4-Φ18
50/125	190	165/240	125/200	102/178	4/4.5	18/20	4-Φ18 / 8-Φ18
50/150	190	165/265	125/225	102/202	4/4.5	18/20	4-Φ18 / 8-Φ18
65/100	220	185/210	145/170	122/148	4/4.5	18/20	8-Φ18 / 8-Φ18
65/125	220	185/240	145/200	122/178	4/4.5	18/20	8-Φ18 / 4-Φ18
80/100	245	200/210	160/170	138/148	4/4.5	20/20	8-Φ18 / 4-Φ18
80/125	245	200/240	160/200	138/178	4/4.5	20/20	8-Φ18 / 8-Φ18
80/150	245	200/265	160/225	138/202	4/4.5	20/20	8-Φ18 / 8-Φ18
100/125	285	220/240	180/200	158/178	4.5/4.5	20/22	8-Φ18 / 8-Φ18
100/150	285	220/265	180/225	158/202	4.5/4.5	20/22	8-Φ18 / 8-Φ18
100/200	285	220/320	180/280	158/258	4.5/5	20/22	8-Φ18 / 8-Φ18
125/150	325	250/265	210/225	188/202	4.5/4.5	22/22	8-Φ18 / 8-Φ18

Fluorine Plastic Performance

Performance	Name		PTFE	PCTFE	PVDF	RE.	PFA	GXPO	PE	PP
	Item	Code	F4	F3	F2	F46	PFA	GXPO	PE	PP
		Unit								
Physical Performance	Specific Gravity	g/cm³	2.1~2.2	2.1~2.2	1.76	2.1~2.2	2.1~2.2	0.92	0.92	0.92
	Water absorpion	%	0.001~0.005	≤ 0.005	0.04	≤ 0.01	≤ 0.01	0.005	0.005	0.005
	Shrinkage rate of finished product	%	1~5	1~2.5	2.0	2~5	1~5	1~2	1~2	1~2
	Embrittlement coefficient	10 ⁻⁵ /K	10~12	4.5~7.0	8.5~15.3	8.3~10.5	8.3~12	-	-	-
	Embrittlemen temperature T1	℃	-180~-195	-180~-195	-62	-260	-180~-195	-40	-40	-20
	Hot resistance T2	℃	260	120~190	150	204	260	100	100	100
	Recommend working temperature T3	℃	≤ 180	≤ 120	≤ 100	≤ 150	≤ 200	≤ 85	≤ 85	≤ 85
Mechanical Performance	Hardness	SOSIXO	D50-65	D74-78	D80	(R45)	D50-65	D40	D40	D40
	Friction coefficient f	-	0.06	0.3~0.4	0.14~0.17	0.06~0.01	0.06~0.01	-	-	-
	Tensile strength ob	Mpa	13.7~24.5	31.3~39.2	45~48.3	20.0~24.5	14~28	≥ 10	6.9~14	7.5~14
	Bending strength ow	Mpa	10.7~137	53.9~68.6	-	-	15~28	-	-	-
	Compression strength oy	Mpa	111	80.3~50.9	68.6	-	111	-	-	-
	Impact strength ok	KJ/M²	16	12.7~16. 6	19.7	No breakage	1+	-55	45	50
	Ultimate elongation Δλ	%	250~350	30~190	30~300	250~270	300~500	480	300~600	600~700
	Breakdown voltage v	KV/mm	25~40	19.7	10.2	40	24~40	-	-	-
Processing Performance	compression molding		Good	Good	Good	Good	Good	Good	Good	Good
	Injection molding		-	Good	Good	Good	Good	Good	Good	Good
	Lamination		Good	Good	Good	Good	Good	Good	Good	Good
	Layer		Good	Good	Good	Good	Good	Good	Good	Good

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Corrosion Resistance Performance (only for Reference)	Medium	Concentration (%)	Temperature °C	PTFE	PCTFE	PVDF	FEP	PFA	GXPO	PE	PP
	Sulfuric acid	10~98	Normal temperature ~100	A	A~B	A~B	A	A	Concentration ≤ 50%	Concentration ≤ 60%	A
	Ntric acid	5~98	Normal temperature ~100	A	A	A	A	A	Concentration ≤ 30%	Concentration ≤ 60%	A
	Hydrochloric acid	10~38	Normal temperature ~100	A	A	A	A	A	Concentration ≤ 38%	Concentration ≤ 60%	A~B
	Acetic acid	10~100	Normal temperature ~100	A	A~B	A~B	A	A	Concentration ≤ 10%	Concentration ≤ 60%	A
	Chromic acid	50~100	Normal temperature ~70	A	A~B	A~B	A	A	Concentration ≤ 30%	Concentration ≤ 20%	A
	phosphoric acic	50~85	Normal temperature ~100	A~B	D	D	A~B	A~B	Concentration ≤ 85%	Concentration ≤ 80%	A
	Trichloromethan	100	Normal temperature	C	B	B	C	C	X	X	X
	Coppersulfate	15	Normal temperature	A	C	C	A	A	Concentration ≤ 90%	Concentration ≤ 80%	A
	Diethy ether	100	Normal temperature	B	C	C	B	B	X	X	X
	Ethyl acetate	100	Normal temperature	B	A	A	B	B	X	X	X
	Petrol	100	Normal temperature	A	A~B	A~B	A	A	X	X	X
	Hydrogen peroxide	3~30	Normal temperature	A	A	A	A	A	Concentration ≤ 30%	Concentration ≤ 60%	A
	Nitrobenzene	100	Normal temperature	A	A~B	A~B	A	A	X	X	X
	Superalkali	10~50	Normal temperature ~100	A	A	A	A	A	Concentration ≤ 80%	Concentration ≤ 60%	A
	Sodium Hypochlorite	-	70	A	B	B	A	A	Concentration ≤ 80%	Concentration ≤ 60%	A~B
	Hydroxyl acid	40~99	-10~30	A~B	B	B	A~B	A~B	Concentration ≤ 80%	Concentration ≤ 60%	A~B
	Oleum	20	Normal temperature	A	B	B	A	A	X	X	X
	Acrylonitrile	-	Normal temperature	B	C	C	B	B	-	-	-
	Aniline	100	Normal temperature	B	B	B	B	B	Concentration ≤ 60%	Concentration ≤ 20%	B
	Benzene	100	Normal temperature	B	C	C	B	B	X	X	X
	Butyl acetate	100	Normal temperature	B	C	C	B	B	Concentration ≤ 60%	Concentration ≤ 20%	B
	Tetrachloromethane	Reagent grade	Normal temperature	B	C	C	B	B	X	X	X