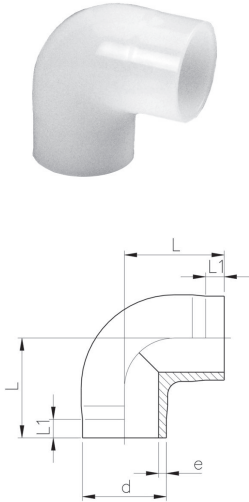


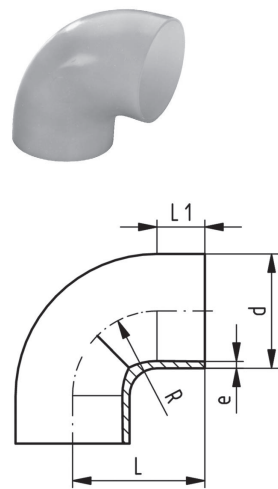
IR Plus/BCF Plus Fusion Fittings

90° Elbow Short Radius, PN 16 PVDF-Standard



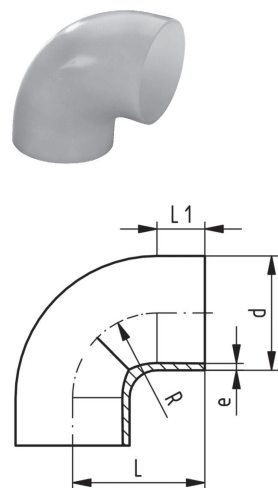
d [mm]	FM	code	weight [lb]	e [mm]	L [mm]	L1 [mm]	
20	BCF, IR	735 108 606	0.049	1.9	38	25	
25	BCF, IR	735 108 607	0.066	1.9	42	26	
32	BCF, IR	735 108 608	0.108	2.4	46	26	
40	BCF, IR	735 108 609 ^	0.152	2.4	51	28	
50	BCF, IR	735 108 610	0.262	3.0	58	28	
63	BCF, IR	735 108 611	0.437	3.0	66	28	

90° Elbow Sweep Radius, PN 16 PVDF-Standard



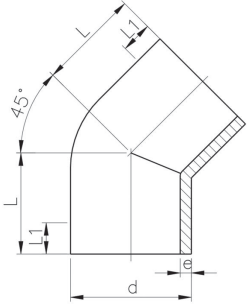
d [mm]	FM	code	weight [lb]	e [mm]	L [mm]	L1 [mm]	R [mm]	
75	BCF, IR	735 018 712 ^	0.628	3.6	75	23	62	
90	BCF, IR	735 018 713	0.990	4.3	90	23	77	
110	BCF, IR	735 018 714	1.623	5.3	110	23	98	

90° Elbow Sweep Radius, PN 10 PVDF-Standard



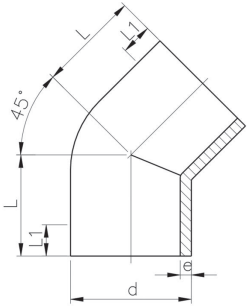
d [mm]	FM	code	weight [lb]	e [mm]	L [mm]	L1 [mm]	R [mm]	
160	IR	735 018 517	3.832	4.9	160	33	141	
200	IR	735 018 519	6.019	6.2	200	33	181	
225	IR	735 018 520	9.026	6.9	220	33	200	

45° Elbow, PN 16, PVDF-Standard



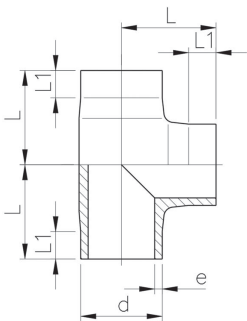
d [mm]	FM	code	weight [lb]	e [mm]	L [mm]	L1 [mm]	
20	BCF, IR	735 158 606	0.042	1.9	32	25	
25	BCF, IR	735 158 607	0.055	1.9	34	26	
32	BCF, IR	735 158 608	0.084	2.4	36	26	
40	BCF, IR	735 158 609 ^	0.119	2.4	39	28	
50	BCF, IR	735 158 610	0.185	3.0	42	30	
63	BCF, IR	735 158 611	0.267	3.0	47	31	
75	BCF, IR	735 158 612 ^	0.353	3.6	49	32	
90	BCF, IR	735 158 613	0.648	4.3	57	37	
110	BCF, IR	735 158 614	1.058	5.3	70	46	

45° Elbow, PN 10, PVDF-Standard



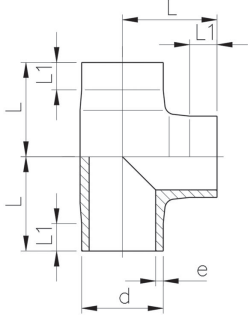
d [mm]	FM	code	weight [lb]	e [mm]	L [mm]	L1 [mm]	
160	IR	735 158 517 *	2.183	4.9	100	62	
200	IR	735 158 519 *	4.542	6.2	124	77	
225	IR	735 158 520 *	6.444	6.9	140	88	

Tee, PN 16, PVDF-Standard



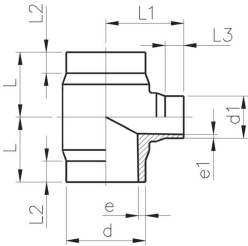
d [mm]	FM	code	weight [lb]	e [mm]	L [mm]	L1 [mm]	
20	BCF, IR	735 208 606	0.062	1.9	38	25	
25	BCF, IR	735 208 607	0.088	1.9	42	27	
32	BCF, IR	735 208 608	0.143	2.4	46	27	
40	BCF, IR	735 208 609 ^	0.209	2.4	51	28	
50	BCF, IR	735 208 610	0.344	3.0	58	28	
63	BCF, IR	735 208 611	0.595	3.0	66	28	
75	BCF, IR	735 208 612 ^	0.802	3.6	75	32	
90	BCF, IR	735 208 613	1.385	4.3	90	39	
110	BCF, IR	735 208 614	2.474	5.3	110	48	

Tee, PN 10, PVDF-Standard



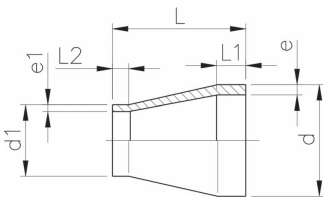
d [mm]	FM	code	weight [lb]	e [mm]	L [mm]	L1 [mm]	
160	IR	735 208 517 *	5.258	4.9	160	71	
200	IR	735 208 519 *	9.473	6.2	200	80	
225	IR	735 208 520 *	15.212	6.9	220	86	

Reducer Tee, PN 10, PVDF-Standard



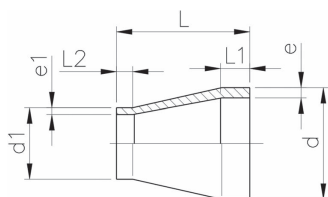
d - d1 [mm]	FM	code	weight [lb]	e [mm]	e1 [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	
160 - 90	IR	735 208 562 ^	5.071	4.9	4.3	155	130	60	25	
160 - 110	IR	735 208 561 ^	5.071	4.9	5.3	155	130	60	25	
225 - 90	IR	735 208 570 ^	9.700	6.9	4.3	155	160	60	25	
225 - 110	IR	735 208 569 ^	9.449	6.9	5.3	155	160	60	25	

Reducer, PN 16, PVDF-Standard



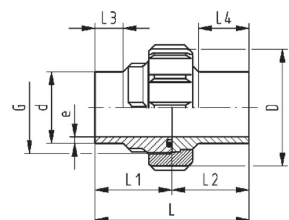
d - d1 [mm]	FM	code	weight [lb]	e [mm]	e1 [mm]	L [mm]	L1 [mm]	L2 [mm]	
25 - 20	BCF, IR	735 908 637	0.037	1.9	1.9	50	22	22	
32 - 20	BCF, IR	735 908 642	0.049	2.4	1.9	50	22	22	
32 - 25	BCF, IR	735 908 641	0.053	2.4	1.9	50	22	22	
40 - 20	BCF, IR	735 908 648 ^	0.066	2.4	1.9	58	22	24	
40 - 25	BCF, IR	735 908 647 ^	0.066	2.4	1.9	55	22	24	
40 - 32	BCF, IR	735 908 646 ^	0.075	2.4	2.4	55	22	24	
50 - 25	BCF, IR	735 908 654	0.101	3.0	1.9	60	22	25	
50 - 32	BCF, IR	735 908 653	0.110	3.0	2.4	60	22	25	
50 - 40	BCF, IR	735 908 652 ^	0.088	3.0	2.4	60	22	25	
63 - 32	BCF, IR	735 908 660	0.146	3.0	2.4	65	22	25	
63 - 40	BCF, IR	735 908 659 ^	0.172	3.0	2.4	65	22	25	
63 - 50	BCF, IR	735 908 658	0.168	3.0	3.0	65	22	25	
75 - 40	BCF, IR	735 908 666 ^	0.214	3.6	2.4	68	24	25	
75 - 50	BCF, IR	735 908 665 ^	0.220	3.6	3.0	65	24	25	
75 - 63	BCF, IR	735 908 664 ^	0.176	3.6	3.0	65	24	25	
90 - 63	BCF, IR	735 908 671	0.331	4.3	3.0	75	25	30	
90 - 75	BCF, IR	735 908 670 ^	0.362	4.3	3.6	75	25	35	
110 - 63	BCF, IR	735 908 678	0.567	5.3	3.0	90	30	30	
110 - 75	BCF, IR	735 908 677 ^	0.470	5.3	3.6	90	30	35	
110 - 90	BCF, IR	735 908 676	0.622	5.3	4.3	90	30	35	

Reducer, PN 10, PVDF-Standard



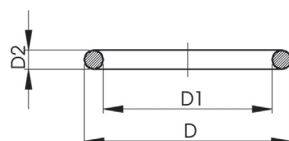
d - d1 [mm]	FM	code	weight [lb]	e [mm]	e1 [mm]	L [mm]	L1 [mm]	L2 [mm]	
160 - 110	IR	735 908 590	1.263	4.9	5.3	120	40	40	
200 - 160	IR	735 908 592	1.830	6.2	4.9	145	50	40	
225 - 110	IR	735 908 595	2.072	6.9	5.3	160	55	35	
225 - 160	IR	735 908 596	2.513	6.9	4.9	160	55	40	
225 - 200	IR	735 908 597	2.646	6.9	6.2	160	55	50	

Union (FPM black), PN 16, PVDF-Standard



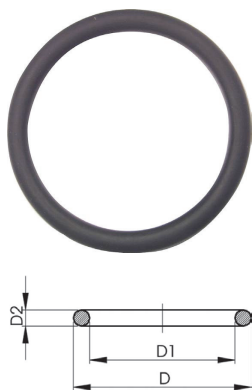
d [mm]	code	weight [lb]	
20	735 528 606	0.163	
25	735 528 607	0.243	
32	735 528 608	0.337	
40	735 528 609 ^	0.485	
50	735 528 610	0.646	
63	735 528 611	0.990	
75	735 528 612 ^	1.631	
90	735 528 613	1.704	
110	735 528 614	2.324	

D [mm]	e [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	G (R/Rp BS Thread) [inch]	
43	1.9	106	53	53	25	37	1	
53	1.9	112	56	56	25	38	1 1/4	
60	2.4	118	59	59	25	40	1 1/2	
74	2.4	124	62	62	25	41	2	
82	3.0	130	65	65	25	43	2 1/4	
100	3.0	136	68	68	25	44	2 3/4	
133	3.6	132	66	66	24	34	S107.5x3.6	
133	4.3	130	65	65	24	48	S107.5x3.6	
155	5.3	130	65	65	25	45	S127.5x3.6	



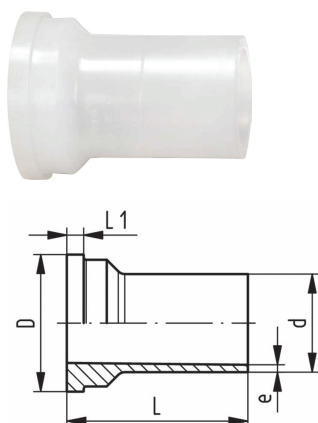
O-Ring for PROGEF and SYGEF Standard IR/BCF & Socket Fusion Unions

d [mm]	EPDM code	FPM code	weight [lb]	D [mm]	closest inch [inch]	D1 [mm]	D2 [mm]	
20	748 410 006	749 410 006	0.002	27	1 1/2	20	4	
25	748 410 007	749 410 007	0.004	35	3/4	28	4	
32	748 410 008	749 410 008	0.004	40	1	33	4	
40	748 410 009	749 410 009	0.015	51	1 1/4	41	5	
50	748 410 010	749 410 010	0.132	58	1 1/2	47	5	
63	748 410 011	749 410 011	0.007	70	2	60	5	



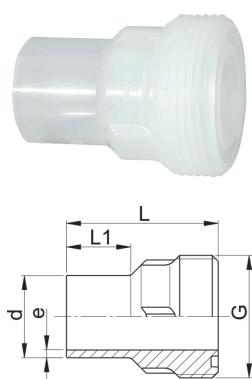
O-Ring for PROGEF and SYGEF Standard IR/BCF Unions

d [mm]	EPDM code	FPM code	weight [lb]	D [mm]	D1 [mm]	D2 [mm]	closest inch [inch]	
75	748 410 014	749 410 014	0.026	93	82	5.34	2 1/2	
90	748 410 015 *	749 410 015 *	0.033	112	101	5.34	3	
110	748 410 016 *	749 410 016 *	0.068	134	120	6.99	4	



Union End, PN 16, PVDF-Standard

d [mm]	FM	code	weight [lb]	D [mm]	e [mm]	L [mm]	L1 [mm]	
20	BCF, IR	735 608 606	0.044	30	1.9	53	5	
25	BCF, IR	735 608 607	0.066	39	1.9	56	5	
32	BCF, IR	735 608 608	0.097	45	2.4	59	6	
40	BCF, IR	735 608 609	0.152	57	2.4	62	6	
50	BCF, IR	735 608 610	0.181	63	3.0	65	7	
63	BCF, IR	735 608 611	0.280	78	3.0	68	8	
75	BCF, IR	735 608 612 *	0.461	101	3.6	66	9	
90	BCF, IR	735 608 613 *	0.412	101	4.3	65	9	
110	BCF, IR	735 608 614 *	0.580	121	5.3	65	10	



Union Bushing, PN 16, PVDF-Standard

d [mm]	FM	code	weight [lb]	G (R/Rp BS Thread) [inch]	e [mm]	L [mm]	L1 [mm]	
20	BCF, IR	735 648 606 *	0.055		1	1.9	53	25
25	BCF, IR	735 648 607 *	0.086		1 1/4	1.9	56	25
32	BCF, IR	735 648 608 *	0.121		1 1/2	2.4	59	25
40	BCF, IR	735 648 609 *	0.179		2	2.4	62	25
50	BCF, IR	735 648 610 *	0.243		2 1/4	3.0	65	25
63	BCF, IR	735 648 611 *	0.348		2 3/4	3.0	68	25
75	BCF, IR	735 648 612 *	0.611	S 107.5 x 3.6	3.6	66	24	
90	BCF, IR	735 648 613 *	0.606	S 107.5 x 3.6	4.3	65	24	
110	BCF, IR	735 648 614 *	0.756	S 127.5 x 3.6	5.3	65	25	

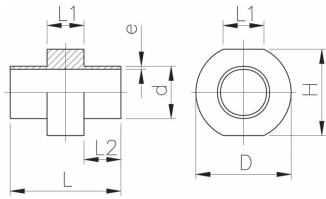


Union Nut, PN 16, PVDF-Standard

Socket Fusion d [mm]	Butt Fusion d [mm]	code	weight [lb]	D [mm]	G (R/Rp BS Thread) [inch]	L [mm]	
20	20	735 690 406	0.046	43		1	22
25	25	735 690 407	0.066	53		1 1/4	24
32	32	735 690 408	0.077	60		1 1/2	26
40	40	735 690 409	0.143	74		2	29
50	50	735 690 410	0.205	82		2 1/4	33
63	63	735 690 411	0.317	100		2 3/4	35



Instrument Installation Fitting, PN 16, PVDF Standard

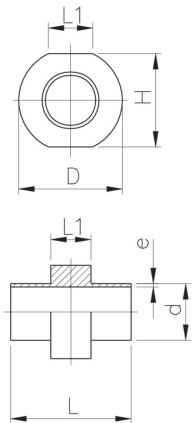


d [mm]	FM	code	D [mm]	e [mm]	H [mm]	L [mm]	L1 [mm]	L2 [mm]	
63	BCF, IR	155 918 711 *	109	3.0	101	140	40	50	
75	BCF, IR	155 918 712 *	120	3.6	113	140	40	50	
90	BCF, IR	155 918 713 *	134	4.3	128	140	40	50	
110	BCF, IR	155 918 714 *	153	5.3	148	140	40	50	



Instrument Installation Fitting, PN 16, PVDF Standard

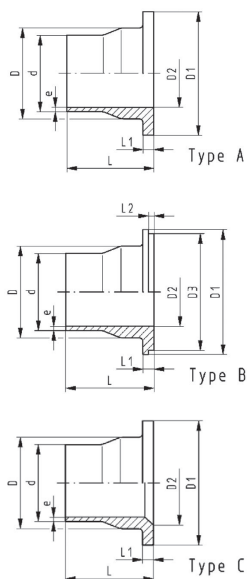
Add "T" to end of part number and \$60.00
list price
for each factory milled thread. (max. diam-
eter is 3/4")



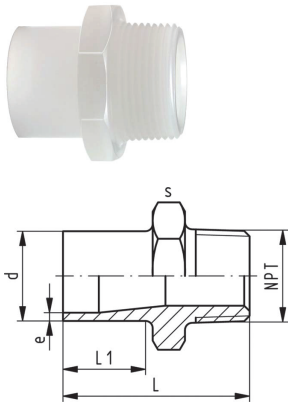
d [mm]	FM	code	e [mm]	L [mm]	D [mm]	H [mm]	L1 [mm]	
20	BCF, IR	735 918 706 *	1.9	140	71	58	40	
25	BCF, IR	735 918 707 *	1.9	140	75	63	40	
32	BCF, IR	735 918 708 *	2.4	140	81	70	40	
40	BCF, IR	735 918 709 *	2.4	140	88	78	40	
50	BCF, IR	735 918 710 *	3.0	140	97	88	40	



Flange Adaptor, PN 16/PN 10, ANSI Serrat- ed, PVDF-Standard

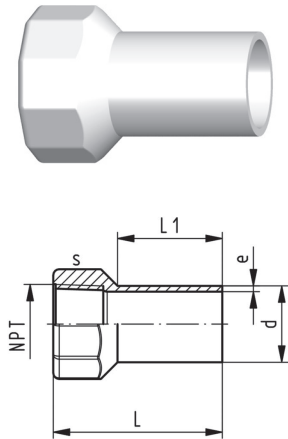


d [mm]	FM	PN	code	weight [lb]	e [mm]	D [mm]	D1 [mm]	D2 [mm]	L [mm]	L1 [mm]	Type	
20	BCF, IR	16	735 798 806	0.064	1.9	26	45	15	54	6	A	
25	BCF, IR	16	735 798 857	0.095	1.9	32	54	20	56	7	A	
32	BCF, IR	16	735 798 858	0.139	2.4	40	63	26	58	7	A	
40	BCF, IR	16	735 798 859 ^	0.231	2.4	49	73	34	68	8	A	
50	BCF, IR	16	735 798 860	0.309	3.0	60	82	43	69	8	A	
63	BCF, IR	16	735 798 811	0.474	3.0	75	102	56	72	9	A	
75	BCF, IR	16	735 798 812 ^	0.717	3.6	89	122	66	80	10	A	
90	BCF, IR	16	735 798 861	0.858	4.3	105	133	78	81	12	A	
110	BCF, IR	16	735 798 814	1.263	5.3	125	158	100	81	13	C	
160	IR	10	735 798 867	2.143	4.9	175	212	151	93	17	C	
200	IR	10	735 798 869	3.708	6.2	232	268	207	102	22	C	
225	IR	10	735 798 870	3.719	6.9	235	268	207	102	22	A	



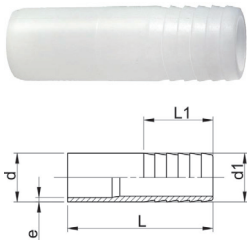
Male NPT Adapter, PN 16, PVDF-Standard

d [mm]	NPT [inch]	FM	code	weight [lb]	e [mm]	L [mm]	s [mm]	L1 [mm]	
20	3/8	BCF, IR	735 914 555	0.051	1.9	50	32	26	
20	1/2	BCF, IR	735 914 556	0.066	1.9	53	32	26	
25	3/4	BCF, IR	735 914 557	0.071	1.9	55	36	26	
32	1	BCF, IR	735 914 558	0.115	2.4	57	46	26	
40	1 1/4	BCF, IR	735 914 559 ^	0.165	2.4	60	55	26	
50	1 1/2	BCF, IR	735 914 560	0.271	3.0	63	65	26	
63	2	BCF, IR	735 914 561	0.388	3.0	69	75	27	



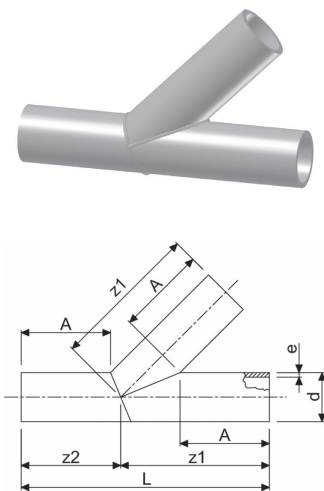
Female NPT Adapter, PN 10, PVDF Standard

d [mm]	NPT [inch]	FM	code	weight [lb]	e [mm]	L [mm]	s [mm]	L1 [mm]	
20	3/8	BCF, IR	735 914 285	0.064	1.9	58	30	37	
20	1/2	BCF, IR	735 914 286	0.060	1.9	58	30	37	
25	3/4	BCF, IR	735 914 287	0.073	1.9	63	36	40	
32	1	BCF, IR	735 914 288	0.146	2.4	71	46	44	
40	1 1/4	BCF, IR	735 914 289 ^	0.187	2.4	79	55	49	
50	1 1/2	BCF, IR	735 914 290	0.238	3.0	84	60	55	
63	2	BCF, IR	735 914 291	0.419	3.0	97	75	63	



Hose Adapter, PN 16, PVDF-Standard

d - d1 [mm]	FM	code	weight [lb]	e [mm]	L [mm]	L1 [mm]	
20 - 20	BCF, IR	735 968 606 *	0.033	1.9	64	27	
25 - 25	BCF, IR	735 968 607 *	0.053	1.9	75	36	
32 - 32	BCF, IR	735 968 608 *	0.093	2.4	82	36	
40 - 40	BCF, IR	735 968 609 *	0.139	2.4	84	42	
50 - 50	BCF, IR	735 968 610 *	0.185	3.0	90	48	
63 - 60	BCF, IR	735 968 611 *	0.260	3.0	100	50	



45° Wye, PVDF-Standard

d [mm]	code	e [mm]	A [inch]	z1 [inch]	z2 [inch]	L [inch]	closest inch [inch]	
50	155 345 050 *	3.0	5.91	8.28	6.31	14.59	1 1/2	
63	155 345 063 *	3.0	5.91	8.90	6.42	15.32	2	
75	155 345 075 *	3.6	5.91	9.47	6.52	15.99	2 1/2	
90	155 345 090 *	4.3	7.87	12.15	8.61	20.76	3	
110	155 345 110 *	5.3	7.87	13.10	8.77	21.87	4	
160	155 345 160 *	4.9	7.87	15.48	9.18	24.66	6	
200	155 345 200 *	6.2	9.84	19.35	11.47	30.82	8	
225	155 345 225 *	7.0	9.84	20.54	11.68	32.21	9	