

Technical Data

PVC Fittings > Solvent Cement, Threaded, Passage



DESCRIPTION

Application

- Industry, agriculture, conveyance of water

Specifics

- Maximum pressure: 16 bar

Features

- Wide range of models and diameters
- Conical tightening of high resistance thanks to an internal ring of conical tapping
- Suitable for above-and underground applications

Materials

- Gray PVC with high UV resistance

PVC Fittings > PN16 Solvent Cement



Coupling				90° Tee				90° elbow				45° elbow			
															
Ø	Code	PN	Box	Ø	Code	PN	Box	Ø	Code	PN	Box	Ø	Code	PN	Box
16	RM1015	16	500	16	RT1015	16	300	16	RG0129	16	350	16	RG0107	16	500
20	RM1016	16	350	20	RT1016	16	400	20	RG0080	16	250	20	RG0140	16	300
25	RM1001	16	400	25	RT1001	16	200	25	RG0110	16	300	25	RG0095	16	400
32	RM1002	16	250	32	RT1002	16	100	32	RG0111	16	180	32	RG0106	16	200
40	RM1003	16	180	40	RT1003	16	70	40	RG0112	16	120	40	RG0096	16	150
50	RM1004	16	200	50	RT1004	16	80	50	RG0113	16	120	50	RG0097	16	150
63	RM1005	16	100	63	RT1005	16	50	63	RG0114	16	60	63	RG0108	16	90
75	RM1006	16	80	75	RT1006	16	32	75	RG0115	16	40	75	RG0102	16	50
90	RM1007	16	45	90	RT1007	16	20	90	RG0116	16	25	90	RG0100	16	30
110	RM1008	16	27	110	RT1008	16	10	110	RG0117	16	14	110	RG0103	16	16
125	RM1009	16	20	125	RT1009	16	7	125	RG0118	16	10	125	RG0101	16	12
140	RM1010	16	12	140	RT1010	16	4	140	RG0123	16	6	140	RG0124	16	6
160	RM1011	16	6	160	RT1011	16	3	160	RG0119	16	4	160	RG0104	16	6
180	RM1017	10	2	180	RT1017	16	3	180	RG0084	16	4	200	RG0105	10	2
200	RM1012	10	3	200	RT1012	10	1	200	RG0121	10	2	225	RG0098	10	2
225	RM1013	10	2	225	RT1013	10	1	225	RG0081	10	1	250	RG0099	10	1
250	RM1014	10	2	250	RT1014	10	1	250	RG0082	10	1	280	RG0092	10	1
280	RM1018	10	2	280	RT1019	10	1	280	RG0142	10	1	315	RG0093	10	1
315	RM1019	10	1	315	RT1020	10	1	315	RG0127	10	1	400	RG0094	5	1
400	RM1020	5	1	400	RT1021	4	1	400	RG0083	5	1				

Technical Data

PVC Fittings > PN 16 Solvent Cement

90° bend				Union				Cap				Stub flange			
															
Ø	Code	PN	Box	Ø	Code	PN	Box	Ø	Code	PN	Box	Ø	Code	PN	Box
20	RG0180	16	300	16	RBC400	16	200	16	RTA039	16	500	20	RCL061	16	600
25	RG0181	16	150	20	RBC252	16	150	20	RTA040	16	500	25	RCL062	16	300
32	RG0182	16	100	25	RBC052	16	200	25	RTA041	16	350	32	RCL063	16	200
40	RG0183	16	50	32	RBC053	16	120	32	RTA042	16	400	40	RCL064	16	200
50	RG0184	16	60	40	RBC054	16	80	40	RTA043	16	250	50	RCL058	16	180
63	RG0185	16	30	50	RBC055	16	60	50	RTA044	16	180	63	RCL059	16	90
75	RG0186	16	15	63	RBC056	16	30	63	RTA045	16	100	75	RCL060	16	100
90	RG0187	16	9	75	RBC057	16	30	75	RTA046	16	60	90	RCL055	16	70
110	RG0188	16	6	90	RBC058	16	25	90	RTA047	16	65	110	RCL054	16	40
				110	RBC059	16	15	110	RTA048	16	40	125	RCL051	16	25
								125	RTA049	16	33	140	RCL052	16	20
								140	RTA050	16	20	160	RCL053	16	15
								160	RTA051	16	12	200	RCL050	10	7
								200	RTA055	10	6	225	RCL056	10	6
								225	RTA056	10	5	250	RCL057	10	4
								250	RTA057	10	5	280	RCL067	10	4
												315	RCL066	10	3

Technical Data

PVC Fittings > PN 16 Solvent Cement

M/F/F reduction				90° reduced Tee				Reducing bush plain M/F				Hose adaptor male solvent cement			
															
Ø	Code	PN	Box	Ø	Code	PN	Box	Ø	Code	PN	Box	Ø	Code	PN	Box
20 x 16 x 16	RRI001	16	3.000	20 x 16 x 20	RTI066	16	180	20 x 16	RRI066	16	1.000	12 x 12	RPG100	16	700
25 x 20 x 16	RRI200	16	500	25 x 16 x 25	RTI067	16	220	25 x 16	RRI035	16	700	16 x 16	RPG101	16	450
25 x 20 x 20	RRI003	16	500	25 x 20 x 25	RTI068	16	220	25 x 20	RRI055	16	700	20 x 20	RPG102	16	300
32 x 25 x 16	RRI004	16	300	32 x 20 x 32	RTI060	16	120	32 x 16	RRI041	16	400	25 x 25	RPG103	16	150
32 x 25 x 20	RRI005	16	300	32 x 25 x 32	RTI061	16	120	32 x 20	RRI057	16	400	32 x 30	RPG104	16	250
32 x 25 x 25	RRI006	16	280	40 x 20 x 40	RTI062	16	100	32 x 25	RRI058	16	400	40 x 40	RPG105	16	280
40 x 32 x 16	RRI201	16	800	40 x 25 x 40	RTI063	16	90	40 x 20	RRI059	16	250	50 x 50	RPG106	16	80
40 x 32 x 20	RRI202	16	170	40 x 32 x 40	RTI064	16	90	40 x 25	RRI062	16	250	63 x 60	RPG107	16	50
40 x 32 x 25	RRI203	16	170	50 x 20 x 50	RTI065	16	110	40 x 32	RRI056	16	250				
40 x 32 x 32	RRI007	16	350	50 x 25 x 50	RTI207	16	110	50 x 20	RRI042	16	70				
50 x 40 x 20	RRI020	16	400	50 x 32 x 50	RTI069	16	110	50 x 25	RRI063	16	350				
50 x 40 x 25	RRI204	16	200	50 x 40 x 50	RTI070	16	100	50 x 32	RRI067	16	350				
50 x 40 x 32	RRI008	16	200	63 x 25 x 63	RTI212	16	70	50 x 40	RRI060	16	350				
50 x 40 x 40	RRI009	16	200	63 x 32 x 63	RTI211	16	60	63 x 32	RRI061	16	180				
63 x 50 x 25	RRI206	16	170	63 x 40 x 63	RTI072	16	60	63 x 40	RRI064	16	180				
63 x 50 x 32	RRI207	16	350	63 x 50 x 63	RTI073	16	50	63 x 50	RRI048	16	180				
63 x 50 x 40	RRI208	16	120	75 x 32 x 75	RTI074	16	20	75 x 40	RRI068	16	110				
63 x 50 x 50	RRI010	16	100	75 x 40 x 75	RTI075	16	32	75 x 50	RRI028	16	110				
75 x 63 x 32	RRI209	16	190	75 x 50 x 75	RTI076	16	32	75 x 63	RRI029	16	110				
75 x 63 x 40	RRI210	16	80	75 x 63 x 75	RTI077	16	32	90 x 50	RRI045	16	65				
75 x 63 x 50	RRI024	16	150	90 x 40 x 90	RTI078	16	24	90 x 63	RRI047	16	65				
75 x 63 x 63	RRI023	16	60	90 x 50 x 90	RTI079	16	22	90 x 75	RRI027	16	65				
90 x 75 x 40	RRI211	16	110	90 x 63 x 90	RTI220	16	22	110 x 63	RRI065	16	40				
90 x 75 x 50	RRI212	16	45	90 x 75 x 90	RTI081	16	16	110 x 75	RRI046	16	40				
90 x 75 x 63	RRI022	16	36	110 x 50 x 110	RTI082	16	12	110 x 90	RRI032	16	40				
90 x 75 x 75	RRI011	16	36	110 x 63 x 110	RTI225	16	10	125 x 75	RRI049	16	50				
110 x 90 x 50	RRI213	16	45	110 x 75 x 110	RTI084	16	10	125 x 90	RRI030	16	50				
110 x 90 x 63	RRI100	16	45	110 x 90 x 110	RTI229	16	10	125 x 110	RRI031	16	50				
110 x 90 x 75	RRI013	16	45	125 x 63 x 125	RTI230	16	8	140 x 90	RRI040	16	40				
110 x 90 x 90	RRI012	16	45	125 x 75 x 125	RTI231	16	8	140 x 110	RRI036	16	40				
125 x 110 x 63	RRI214	16	42	125 x 90 x 125	RTI085	16	8	140 x 125	RRI037	16	40				
125 x 110 x 75	RRI021	16	42	125 x 110 x 125	RTI087	16	8	160 x 90	RRI050	16	24				
125 x 110 x 90	RRI015	16	42	140 x 90 x 140	RTI089	16	4	160 x 110	RRI033	16	24				
125 x 110 x 110	RRI016	16	24	140 x 110 x 140	RTI090	16	4	160 x 125	RRI039	16	24				
140 x 125 x 90	RRI216	16	30	140 x 125 x 140	RTI091	16	4	160 x 140	RRI034	16	24				
140 x 125 x 110	RRI017	16	20	160 x 90 x 160	RTI092	16	3	180 x 160	RRI038	10	18				
160 x 140 x 90	RRI219	16	16	160 x 110 x 160	RTI095	16	3	200 x 110	RRI077	10	10				
160 x 140 x 110	RRI018	16	16	160 x 125 x 160	RTI093	16	3	200 x 125	RRI069	10	10				
160 x 140 x 125	RRI019	16	12	160 x 140 x 160	RTI094	16	3	200 x 160	RRI043	10	10				
				200 x 160 x 200	RTI097	10	3	200 x 180	RRI080	10	12				
				225 x 200 x 225	RTI099	10	1	225 x 160	RRI081	10	7				
				250 x 110 x 250	RTI100	10	1	225 x 200	RRI075	10	7				
				250 x 160 x 250	RTI101	10	1	250 x 160	RRI082	10	6				
				250 x 200 x 250	RTI102	10	1	250 x 200	RRI071	10	6				
				315 x 160 x 315	RTI108	8	1	250 x 225	RRI500	10	6				
				315 x 250 x 315	RTI107	8	1	280 x 225	RRI083	10	4				
								315 x 200	RRI073	10	3				
								315 x 225	RRI074	10	3				
								315 x 250	RRI072	10	3				
								315 x 280	RRI085	10	3				

Technical Data

PVC Fittings > PN 16 Threaded



Sleeve				Union				90° Tee				45° elbow			
															
Ø	Code	PN	Box	Ø	Code	PN	Box	Ø	Code	PN	Box	Ø	Code	PN	Box
3/8"	RMF011	16	450	3/8"	RBC010	16	300	3/8"	RTE112	16	300	3/8"	RG0190	16	1.800
1/2"	RMF001	16	350	1/2"	RBC004	16	150	1/2"	RTE100	16	400	1/2"	RG0191	16	300
3/4"	RMF002	16	450	3/4"	RBC005	16	200	3/4"	RTE101	16	200	3/4"	RG0192	16	400
1"	RMF003	16	250	1"	RBC001	16	120	1"	RTE102	16	100	1"	RG0193	16	200
1 1/4"	RMF004	16	190	1 1/4"	RBC002	16	80	1 1/4"	RTE106	16	70	1 1/4"	RG0194	16	150
1 1/2"	RMF005	16	140	1 1/2"	RBC003	16	60	1 1/2"	RTE103	16	80	1 1/2"	RG0195	16	150
2"	RMF006	16	85	2"	RBC006	16	30	2"	RTE104	16	50	2"	RG0196	16	90
2 1/2"	RMF007	16	45	2 1/2"	RBC007	16	30	2 1/2"	RTE105	16	32				
3"	RMF010	16	60	3"	RBC008	16	25	3"	RTE110	16	20				
4"	RMF009	16	30	4"	RBC009	16	15	4"	RTE111	16	10				

90° elbow				Nipple				Cap				Plug			
															
Ø	Code	PN	Box	Ø	Code	PN	Box	Ø	Code	PN	Box	Ø	Code	PN	Box
3/8"	RG0141	16	350	3/8"	RNP010	16	1.000	3/8"	RTA029	16	1.000	3/8"	RTA008	16	800
1/2"	RG0130	16	250	1/2"	RNP001	16	450	1/2"	RTA020	16	500	1/2"	RTA001	16	650
3/4"	RG0131	16	300	3/4"	RNP002	16	600	3/4"	RTA021	16	300	3/4"	RTA002	16	400
1"	RG0132	16	180	1"	RNP003	16	350	1"	RTA022	16	180	1"	RTA003	16	500
1 1/4"	RG0133	16	120	1 1/4"	RNP004	16	220	1 1/4"	RTA023	16	120	1 1/4"	RTA004	16	350
1 1/2"	RG0134	16	120	1 1/2"	RNP005	16	200	1 1/2"	RTA024	16	230	1 1/2"	RTA005	16	280
2"	RG0135	16	60	2"	RNP006	16	200	2"	RTA025	16	120	2"	RTA006	16	160
2 1/2"	RG0136	16	40	2 1/2"	RNP007	16	110	2 1/2"	RTA026	16	60	2 1/2"	RTA007	16	80
3"	RG0137	16	25	3"	RNP008	16	35	3"	RTA027	16	30	3"	RTA009	16	50
4"	RG0138	16	14	4"	RNP009	16	35	4"	RTA028	16	25	4"	RTA010	16	30

Technical Data

PVC Fittings > PN 16 Threaded

M/F reduction				Reducing piece F/M threaded				Reducing nipple				Threaded tank connector			
															
Ø	Code	PN	Box	Ø	Code	PN	Box	Ø	Code	PN	Box	Ø	Code	PN	Box
1/2" x 3/8"	RRD075	16	500	3/8" x 1/2"	RMG001	16	500	1/2" x 3/8"	RNP070	16	650	1/4" x 12	RPG001	N.A.	1.400
3/4" x 3/8"	RRD100	16	400	1/2" x 3/4"	RMG002	16	250	3/4" x 3/8"	RNP071	16	1.400	3/8" x 16	RPG002	N.A.	500
3/4" x 1/2"	RRD070	16	280	3/4" x 1"	RMG003	16	150	3/4" x 1/2"	RNP072	16	350	1/2" x 20	RPG003	N.A.	300
1" x 1/2"	RRD074	16	500	1" x 1 1/4"	RMG004	16	220	1" x 1/2"	RNP073	16	900	3/4" x 25	RPG004	N.A.	180
1" x 3/4"	RRD071	16	450	1 1/4" x 1 1/2"	RMG005	16	150	1" x 3/4"	RNP074	16	450	1" x 30	RPG005	N.A.	250
1 1/4" x 1/2"	RRD079	16	300	1 1/2" x 2"	RMG006	16	140	1 1/4" x 3/4"	RNP075	16	400	1 1/4" x 40	RPG006	N.A.	300
1 1/4" x 3/4"	RRD088	16	280	1 1/2" x 2 1/2"	RMG007	16	170	1 1/4" x 1"	RNP076	16	270	1 1/2" x 50	RPG007	N.A.	100
1 1/4" x 1"	RRD076	16	260	2" x 2 1/2"	RMG008	16	72	1 1/2" x 1"	RNP077	16	350	2" x 60	RPG008	N.A.	50
1 1/2" x 3/4"	RRD084	16	220	2" x 3"	RMG009	16	40	1 1/2" x 1 1/4"	RNP078	16	180	2 1/2" x 80	RPG009	N.A.	90
1 1/2" x 1"	RRD077	16	220	2 1/2" x 3"	RMG010	16	50	2" x 1 1/4"	RNP079	16	200				
1 1/2" x 1 1/4"	RRD073	16	180	2 1/2" x 4"	RMG011	16	70	2" x 1 1/2"	RNP080	16	110				
2" x 1"	RRD078	16	130	3" x 4"	RMG012	16	25	2 1/2" x 1 1/2"	RNP081	16	164				
2" x 1 1/4"	RRD087	16	120					2 1/2" x 2"	RNP082	16	80				
2" x 1 1/2"	RRD085	16	160					3" x 2"	RNP087	16	40				
2 1/2" x 1 1/2"	RRD080	16	60					3" x 2 1/2"	RNP084	16	35				
2 1/2" x 2"	RRD083	16	60					4" x 2 1/2"	RNP085	16	70				
3" x 2"	RRD072	16	30					4" x 3"	RNP086	16	24				
3" x 2 1/2"	RRD081	16	40												
4" x 2 1/2"	RRD089	16	40												
4" x 3"	RRD082	16	40												

Technical Data

PVC Fittings > Adaptor Fittings



Socket plain				Solvent cement union F/threaded F				Union female/threaded male				PVC spigot plain/threaded male			
															
Ø	Code	PN	Box	Ø	Code	PN	Box	Ø	Code	PN	Box	Ø	Code	PN	Box
16 x 3/8"	RMP010	16	600	16 x 3/8"	RBC101	16	200	25 x 3/4"	RBC081	16	150	16 x 12 x 3/8"	RNP157	16	1.000
20 x 1/2"	RMP001	16	350	20 x 1/2"	RBC102	16	150	32 x 1"	RBC082	16	100	20 x 16 x 3/8"	RMN008	16	500
25 x 3/4"	RMP002	16	450	25 x 3/4"	RBC103	16	200	40 x 1 1/4"	RBC083	16	50	20 x 16 x 1/2"	RNP158	16	450
32 x 1"	RMP003	16	250	32 x 1"	RBC104	16	120	50 x 1 1/2"	RBC084	16	60	25 x 20 x 3/8"	RAD003	16	300
40 x 1 1/4"	RMP004	16	180	40 x 1 1/4"	RBC105	16	80	63 x 2"	RBC085	16	30	25 x 20 x 1/2"	RMN009	16	300
50 x 1 1/2"	RMP005	16	120	50 x 1 1/2"	RBC106	16	60					25 x 20 x 3/4"	RNP156	16	250
63 x 2"	RMP006	16	75	63 x 2"	RBC107	16	30					32 x 25 x 1/2"	RAD002	16	400
75 x 2 1/2"	RMP008	16	36	75 x 2 1/2"	RBC108	16	30					32 x 25 x 3/4"	RMN010	16	400
90 x 3"	RMP007	16	45	90 x 3"	RBC109	16	25					32 x 25 x 1"	RNP154	16	350
110 x 4"	RMP009	16	30	110 x 4"	RBC110	16	15					40 x 32 x 3/4"	RAD004	16	300

90° Tee				90° elbow			
							
Ø	Code	PN	Box	Ø	Code	PN	Box
16 x 3/8" x 16	RTP011	16	300	16 x 3/8"	RG0603	16	350
20 x 1/2" x 20	RTP010	16	400	20 x 1/2"	RG0604	16	250
25 x 3/4" x 25	RTP001	16	200	25 x 3/4"	RG0126	16	300
32 x 1" x 32	RTP005	16	100	32 x 1"	RG0120	16	180
40 x 1 1/4" x 40	RTP006	16	70	40 x 1 1/4"	RG0600	16	120
50 x 1 1/2" x 50	RTP007	16	80	50 x 1 1/2"	RG0601	16	120
63 x 2" x 63	RTP008	16	50	63 x 2"	RG0602	16	60
75 x 2 1/2" x 75	RTP003	16	32	75 x 2 1/2"	RG0125	16	40
90 x 3" x 90	RTP002	16	10	90 x 3"	RG0122	16	25
110 x 4" x 110	RTP004	16	10	110 x 4"	RG0128	16	14

16 x 12 x 3/8"	RNP157	16	1.000
20 x 16 x 3/8"	RMN008	16	500
20 x 16 x 1/2"	RNP158	16	450
25 x 20 x 3/8"	RAD003	16	300
25 x 20 x 1/2"	RMN009	16	300
25 x 20 x 3/4"	RNP156	16	250
32 x 25 x 1/2"	RAD002	16	400
32 x 25 x 3/4"	RMN010	16	400
32 x 25 x 1"	RNP154	16	350
40 x 32 x 3/4"	RAD004	16	300
40 x 32 x 1"	RMN011	16	250
40 x 32 x 1 1/4"	RAD165	16	200
50 x 40 x 1"	RAD166	16	160
50 x 40 x 1 1/4"	RMN012	16	150
50 x 40 x 1 1/2"	RAD011	16	140
63 x 50 x 1 1/4"	RAD005	16	120
63 x 50 x 1 1/2"	RMN005	16	120
63 x 50 x 2"	RNP153	16	100
75 x 63 x 1 1/2"	RAD006	16	70
75 x 63 x 2"	RMN001	16	70
75 x 63 x 2 1/2"	RNP155	16	50
90 x 75 x 2"	RAD007	16	45
90 x 75 x 2 1/2"	RMN003	16	45
90 x 75 x 3"	RNP150	16	60
110 x 90 x 2 1/2"	RAD008	16	45
110 x 90 x 3"	RMN004	16	45
110 x 90 x 4"	RNP151	16	30
125 x 110 x 3"	RAD009	16	30
125 x 110 x 4"	RMN002	16	30
125 x 110 x 5"	RNP152	16	30

Technical Data

PVC Fittings > Adaptor Fittings

Spigot plain/female threaded				Stainless stell reinforced socket				Stainless steel reinforced 90° elbow				Stainless steel reinforced 90° Tee			
															
Ø	Code	PN	Box	Ø	Code	PN	Box	Ø	Code	PN	Box	Ø	Code	PN	Box
25 x 1/2"	RAD199	16	500	16 x 3/8"	RMP050	16	2.300	20 x 1/2"	RG0281	16	1.000	20 x 1/2" x 20	RTP051	16	400
25 x 3/4"	RAD051	16	450	20 x 1/2"	RMP051	16	350	25 x 3/4"	RG0282	16	600	25 x 3/4" x 25	RTP052	16	200
32 x 3/4"	RAD155	16	250	25 x 3/4"	RMP052	16	450	32 x 1"	RG0283	16	350	32 x 1" x 32	RTP053	16	100
32 x 1"	RAD052	16	250	32 x 1"	RMP053	16	250	40 x 1 1/4"	RG0284	16	200	40 x 1 1/4" x 40	RTP054	16	70
40 x 1"	RRI079	16	200	40 x 1 1/4"	RMP054	16	180	50 x 1 1/2"	RG0285	16	130	50 x 1 1/2" x 50	RTP055	16	80
40 x 1 1/4"	RAD053	16	180	50 x 1 1/2"	RMP055	16	120	63 x 2"	RG0286	16	72	63 x 2" x 63	RTP056	16	50
50 x 1 1/4"	RAD206	16	140	63 x 2"	RMP056	16	120								
50 x 1 1/2"	RAD054	16	110												
63 x 2"	RAD055	16	70												
75 x 2"	RRI084	16	60												
75 x 2 1/2"	RAD056	16	80												
90 x 2 1/2"	RAD197	16	45												
90 x 3"	RAD057	16	45												
110 x 3"	RAD210	16	30												
110 x 4"	RAD058	16	30												

SS reinforced M/F reduction



Ø	Code	PN	Box
25 x 20 x 1/2"	RRD200	16	500
32 x 25 x 3/4"	RRD201	16	250
40 x 32 x 1"	RRD202	16	200
50 x 40 x 1 1/4"	RRD203	16	140

Free flange				Blanking flange				Full faced plain flange				Full faced threaded flange			
															
Ø	Code	PN	Box	Ø	Code	PN	Box	Ø	Code	PN	Box	Ø	Code	PN	Box
32	RFG008	16	150	32	RFG100	16	65	32	RFG056	16	50	1"	RFG049	16	144
40	RFG009	16	100	40	RFG101	16	70	40	RFG057	16	50	1 1/4"	RFG050	16	70
50	RFG011	16	80	50	RFG102	16	65	50	RFG058	16	48	1 1/2"	RFG051	16	60
63	RFG108	16	50	63	RFG103	16	40	63	RFG059	16	36	2"	RFG052	16	45
75	RFG109	16	40	75	RFG104	16	35	75	RFG060	16	15	2 1/2"	RFG053	16	25
90	RFG004	16	35	90	RFG105	16	30	90	RFG061	16	10	3"	RFG054	16	18
110	RFG001	16	24	110	RFG106	16	20	110	RFG062	16	20	4"	RFG055	16	12
125 - DN110	RFG005	16	20	125 - DN110	RFG107	16	18								
125	RFG014	16	20	140	RFG118	16	15								
140	RFG006	16	18	160	RFG119	16	10								
160	RFG002	16	20	200	RFG120	10	10								
200	RFG003	10	10	225	RFG121	10	10								
225	RFG007	10	10												
250	RFG010	10	6												
280	RFG013	10	12												
315	RFG030	10	8												