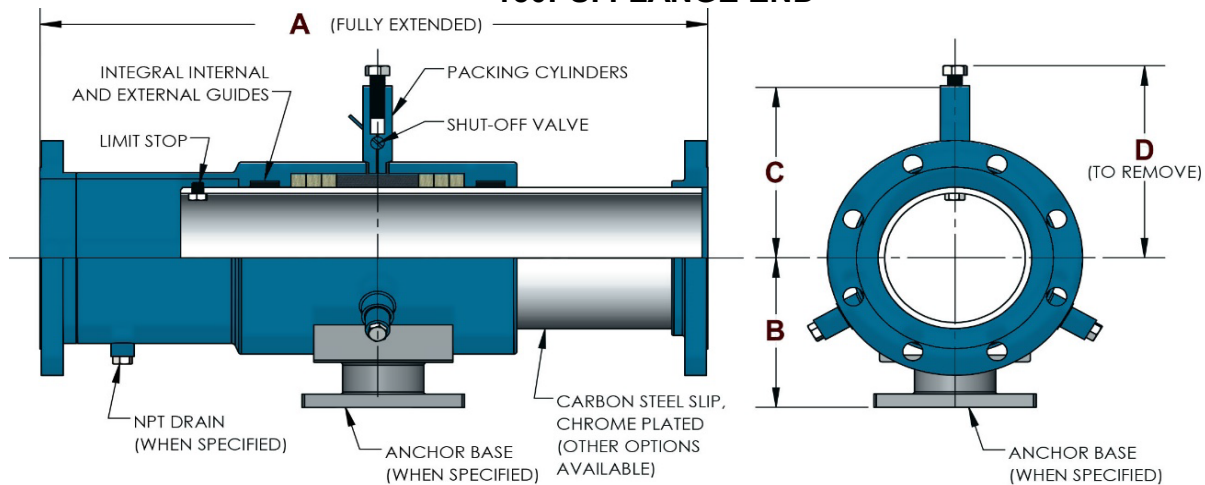


MODEL R-PACK EXPANSION JOINT

150PSI FLANGE END



The R-Pack comes standard for movements of 4", 6" and ". They are available in 150 and 300 psi models, and can be configured as doubles if required. The anchor base is optional.

Maximum Working Pressure 150 psi
 Working Temperature 500°F
 Test Pressure 225 psi

Pipe Size	Movements			Dimensions			Physicals			Product No.
	Ax Comp	Ax Ext	A	B* with base	C	D	Thrust Area	Friction Force to Compress	Wt	
	in	in	in	in	in	in	in²	lbs	lbs	
2	4	1.0	20 7/8	4 1/8	5 9/16	8 7/16	4.4	2,000	41	RPACK1504SF0200
2	8	1.5	28 3/4						46	RPACK1508SF0200
2	12	2.0	36 3/4						51	RPACK1512SF0200
2.5	4	1.0	21	4 1/2	5 7/8	8 3/4	6.5	2,500	52	RPACK1504SF0250
2.5	8	1.5	29						59	RPACK1508SF0250
2.5	12	2.0	37						66	RPACK1512SF0250
3	4	1.0	23 3/8	4 7/8	6 1/4	9 1/8	9.6	3,000	61	RPACK1504SF0300
3	8	1.5	31 3/8						69	RPACK1508SF0300
3	12	2.0	39 3/8						77	RPACK1512SF0300
4	4	1.0	23 1/2	5 1/2	6 3/4	9 5/8	16	4,000	89	RPACK1504SF0400
4	8	1.5	31 1/2						101	RPACK1508SF0400
4	12	2.0	39 1/2						113	RPACK1512SF0400
5	4	1.0	24	6 1/4	7 3/8	10 1/4	25	5,000	110	RPACK1504SF0500
5	8	1.5	32						126	RPACK1508SF0500
5	12	2.0	40						142	RPACK1512SF0500
6	4	1.0	24	7	7 7/8	10 3/4	35	6,000	137	RPACK1504SF0600
6	8	1.5	32						157	RPACK1508SF0600
6	12	2.0	40						177	RPACK1512SF0600
8	4	1.0	24 1/4	8 3/8	8 3/4	11 5/8	59	8,000	220	RPACK1504SF0800
8	8	1.5	32 1/4						247	RPACK1508SF0800
8	12	2.0	40 1/4						274	RPACK1512SF0800

Pipe Size	Movements			Dimensions			Physicals			Product No.
	Ax Comp	Ax Ext	A	B* with base	C	D	Thrust Area	Friction Force to Compress	Wt	
	in	in	in	in	in	in	in²	lbs	lbs	
10	4	1.0	24 3/4	9 3/4	9 7/8	12 3/4	91	10,000	326	RPACK1504SF1000
10	8	1.5	32 3/8						357	RPACK1508SF1000
10	12	2.0	40 3/8						388	RPACK1512SF1000
12	4	1.0	25	11	10 15/16	13 13/16	128	12,000	468	RPACK1504SF1200
12	8	1.5	33						504	RPACK1508SF1200
12	12	2.0	41						540	RPACK1512SF1200
14	4	1.0	27 5/8	11 1/2	11 3/4	14 5/8	154	14,000	601	RPACK1504SF1400
14	8	1.5	35 5/8						642	RPACK1508SF1400
14	12	2.0	43 5/8						683	RPACK1512SF1400
16	4	1.0	28 1/8	12 3/4	12 3/4	15 5/8	201	16,000	748	RPACK1504SF1600
16	8	1.5	36 1/8						798	RPACK1508SF1600
16	12	2.0	44 1/8						848	RPACK1512SF1600
18	4	1.0	28 3/8	13 1/2	13 3/4	16 5/8	255	18,000	928	RPACK1504SF1800
18	8	1.5	36 3/8						986	RPACK1508SF1800
18	12	2.0	44 3/8						1,044	RPACK1512SF1800
20	4	1.0	28 1/2	14 3/4	14 3/4	17 5/8	314	20,000	1,112	RPACK1504SF2000
20	8	1.5	36 1/2						1,180	RPACK1508SF2000
20	12	2.0	44 1/2						1,248	RPACK1512SF2000
24	4	1.0	28 7/8	17	16 3/4	19 5/8	452	24,000	1,425	RPACK1504SF2400
24	8	1.5	36 7/8						1,512	RPACK1508SF2400
24	12	2.0	44 7/8						1,599	RPACK1512SF2400

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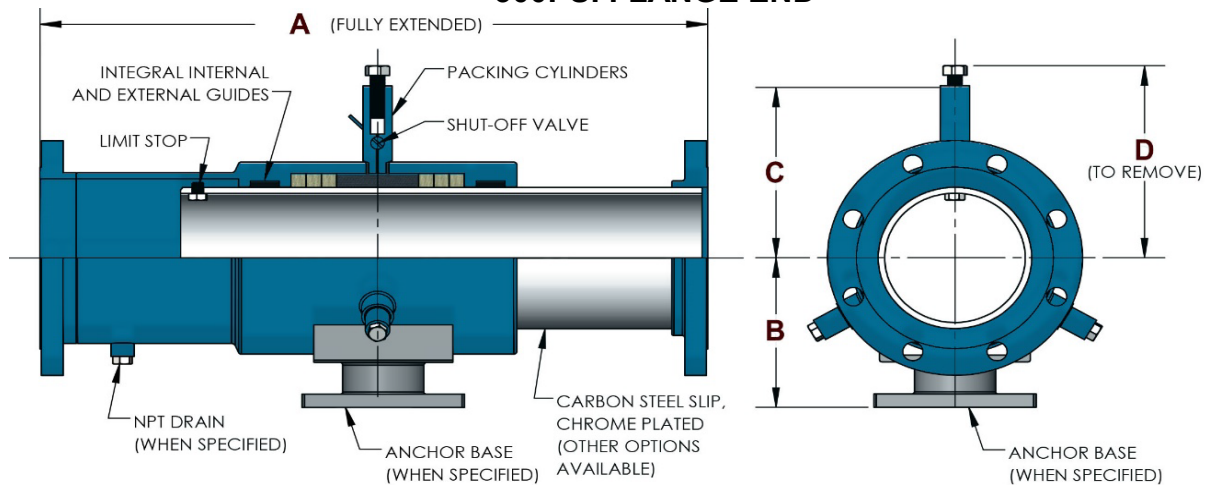
Project Name:

Contractor:

Model EP expansion joints combine excellent performance and economy. They can usually be provided quickly.

NOTES:

MODEL R-PACK EXPANSION JOINT 300PSI FLANGE END



The R-Pack comes standard for movements of 4", 6" and ". They are available in 150 and 300 psi models, and can be configured as doubles if required. The anchor base is optional.

Maximum Working Pressure 300 psi
Working Temperature 500°F
Test Pressure 450 psi

Pipe Size	Movements			Dimensions			Physicals			Product No.
	Ax Comp	Ax Ext	A	B* with base	C	D	Thrust Area	Friction Force to Compress	Wt	
in	in	in	in	in	in	in	in ²	lbs	lbs	
2	0	1.0	21 1/8						45	RPACK3004SF0200
2	8	1.5	29 1/8	4 1/8	7 1/16	9 7/8	4.4	2,000	50	RPACK3008SF0200
2	12	2.0	37 1/8						55	RPACK3012SF0200
2.5	4	1.0	21 3/8						58	RPACK3004SF0250
2.5	8	1.5	29 3/8	4 1/2	7 3/8	10 3/16	6.5	2,500	65	RPACK3008SF0250
2.5	12	2.0	37 3/8						72	RPACK3012SF0250
3	4	1.0	23 7/8						71	RPACK3004SF0300
3	8	1.5	31 7/8	4 7/8	7 3/4	10 9/16	9.6	3,000	79	RPACK3008SF0300
3	12	2.0	39 7/8						87	RPACK3012SF0300
4	4	1.0	24						107	RPACK3004SF0400
4	8	1.5	32	5 1/2	8 1/4	11 1/16	16	4,000	119	RPACK3008SF0400
4	12	2.0	40						131	RPACK3012SF0400
5	4	1.0	24 1/2						136	RPACK3004SF0500
5	8	1.5	32 1/2	6 1/4	8 7/8	11 11/16	25	5,000	152	RPACK3008SF0500
5	12	2.0	40 1/2						168	RPACK3012SF0500
6	4	1.0	24 1/2						177	RPACK3004SF0600
6	8	1.5	32 1/2	7	9 3/8	12 3/16	35	6,000	197	RPACK3008SF0600
6	12	2.0	40 1/2						217	RPACK3012SF0600
8	4	1.0	25						276	RPACK3004SF0800
8	8	1.5	33	8 3/8	10 1/4	13 1/16	59	8,000	303	RPACK3008SF0800
8	12	2.0	41						330	RPACK3012SF0800

Pipe Size	Movements			Dimensions			Physicals			Product No.
	Ax Comp	Ax Ext	A	B* with base	C	D	Thrust Area	Friction Force to Compress	Wt	
in	in	in	in	in	in	in	in ²	lbs	lbs	
10	4	1.0	25 1/8						402	RPACK3004SF1000
10	8	1.5	33 1/8	9 3/4	11 3/8	14 3/16	91	10,000	433	RPACK3008SF1000
10	12	2.0	41 1/8						464	RPACK3012SF1000
12	4	1.0	25 5/8						570	RPACK3004SF1200
12	8	1.5	33 5/8	11	12 7/16	15 1/4	128	12,000	606	RPACK3008SF1200
12	12	2.0	41 5/8						642	RPACK3012SF1200
14	4	1.0	28 3/8						759	RPACK3004SF1400
14	8	1.5	34 3/8	12 1/2	13 1/4	16 1/16	154	14,000	800	RPACK3008SF1400
14	12	2.0	42 3/8						841	RPACK3012SF1400
16	4	1.0	28 7/8						1,002	RPACK3004SF1600
16	8	1.5	36 7/8	13 1/2	14 1/4	17 1/16	201	16,000	1,052	RPACK3008SF1600
16	12	2.0	44 7/8						1,102	RPACK3012SF1600
18	4	1.0	29 1/8						1,248	RPACK3004SF1800
18	8	1.5	37 1/8	15	15 1/4	18 1/16	255	18,000	1,306	RPACK3008SF1800
18	12	2.0	41 1/8						1,364	RPACK3012SF1800
20	4	1.0	29 3/8						1,452	RPACK3004SF2000
20	8	1.5	37 3/8	16 1/4	16 1/4	19 1/16	314	20,000	1,520	RPACK3008SF2000
20	12	2.0	45 3/8						1,588	RPACK3012SF2000
24	4	1.0	29 3/8						1,985	RPACK3004SF2400
24	8	1.5	37 3/8	19	18 1/4	21 1/16	452	24,000	2,072	RPACK3008SF2400
24	12	2.0	45 3/8						2,159	RPACK3012SF2400

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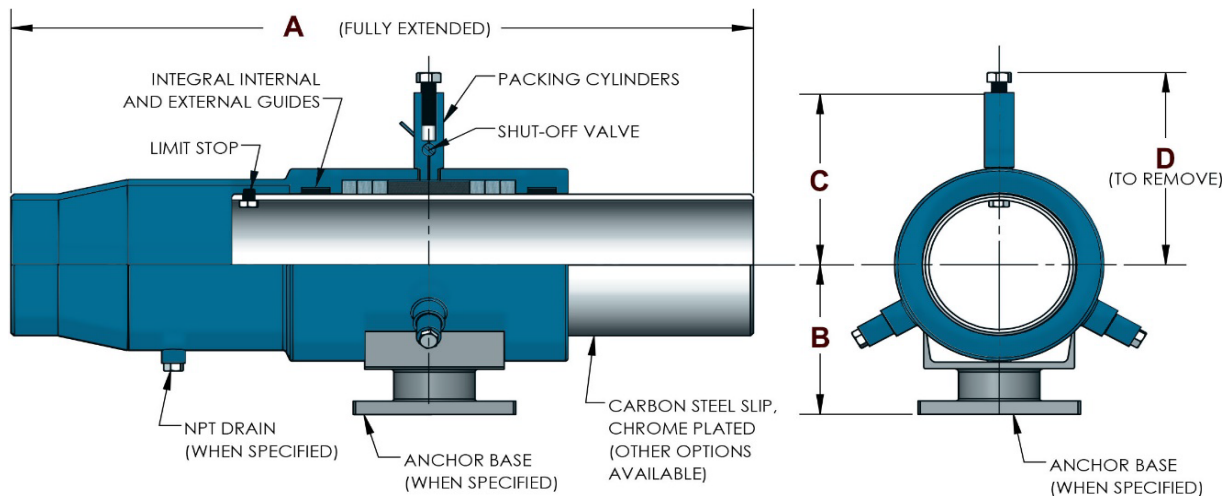
Project Name:

Contractor:

Model EP expansion joints combine excellent performance and economy. They can usually be provided quickly.

NOTES:

MODEL R-PACK EXPANSION JOINT 150PSI WELD END



The R-Pack comes standard for movements of 4", 6" and ". They are available in 150 and 300 psi models, and can be configured as doubles if required. The anchor base is optional.

Maximum Working Pressure 150 psi
Working Temperature 500°F
Test Pressure 225 psi

Pipe Size	Movements		Dimensions				Physicals			Product No.
	Ax Comp	Ax Ext	A	B* with base	C	D	Thrust Area	Friction Force to Compress	Wt	
in	in	in	in	in	in	in	in ²	lbs	lbs	
2	4	1.0	23	4 1/8	5 9/16	8 7/16	4.4	2,000	31	RPACK1504SW0200
2	8	1.5	31						36	RPACK1508SW0200
2	12	2.0	39						41	RPACK1512SW0200
2.5	4	1.0	23 1/2	4 1/2	5 7/8	8 3/4	6.5	2,500	38	RPACK1504SW0250
2.5	8	1.5	31 1/2						45	RPACK1508SW0250
2.5	12	2.0	39 1/2						52	RPACK1512SW0250
3	4	1.0	25 3/4	4 7/8	6 1/4	9 1/8	9.6	3,000	45	RPACK1504SW0300
3	8	1.5	33 3/4						53	RPACK1508SW0300
3	12	2.0	41 3/4						61	RPACK1512SW0300
4	4	1.0	26 3/4	5 1/2	6 3/4	9 5/8	16	4,000	63	RPACK1504SW0400
4	8	1.5	34 3/4						75	RPACK1508SW0400
4	12	2.0	42 3/4						87	RPACK1512SW0400
5	4	1.0	27 1/2	6 1/4	7 3/8	10 1/4	25	5,000	80	RPACK1504SW0500
5	8	1.5	35 1/2						96	RPACK1508SW0500
5	12	2.0	43 1/2						112	RPACK1512SW0500
6	4	1.0	26	7	7 7/8	10 3/4	35	6,000	99	RPACK1504SW0600
6	8	1.5	34						119	RPACK1508SW0600
6	12	2.0	42						139	RPACK1512SW0600
8	4	1.0	26	8 3/8	8 3/4	11 5/8	59	8,000	160	RPACK1504SW0800
8	8	1.5	34						187	RPACK1508SW0800
8	12	2.0	42						214	RPACK1512SW0800

Pipe Size	Movements		Dimensions				Physicals			Product No.
	Ax Comp	Ax Ext	A	B* with base	C	D	Thrust Area	Friction Force to Compress	Wt	
in	in	in	in	in	in	in	in ²	lbs	lbs	
10	4	1.0	26	9 3/4	9 7/8	12 3/4	91	10,000	240	RPACK1504SW1000
10	8	1.5	34						271	RPACK1508SW1000
10	12	2.0	42						302	RPACK1512SW1000
12	4	1.0	26 1/4	11	10 15/16	13 13/16	128	12,000	340	RPACK1504SW1200
12	8	1.5	34 1/4						376	RPACK1508SW1200
12	12	2.0	42 1/4						412	RPACK1512SW1200
14	4	1.0	28 5/8	11 1/2	11 3/4	14 5/8	154	14,000	431	RPACK1504SW1400
14	8	1.5	36 5/8						472	RPACK1508SW1400
14	12	2.0	44 5/8						513	RPACK1512SW1400
16	4	1.0	28 7/8	12 3/4	12 3/4	15 5/8	201	16,000	562	RPACK1504SW1600
16	8	1.5	36 7/8						612	RPACK1508SW1600
16	12	2.0	44 7/8						662	RPACK1512SW1600
18	4	1.0	28 7/8	13 1/2	13 3/4	16 5/8	255	18,000	688	RPACK1504SW1800
18	8	1.5	35 7/8						746	RPACK1508SW1800
18	12	2.0	44 7/8						804	RPACK1512SW1800
20	4	1.0	28 7/8	14 3/4	14 3/4	17 5/8	314	20,000	802	RPACK1504SW2000
20	8	1.5	36 7/8						870	RPACK1508SW2000
20	12	2.0	44 7/8						938	RPACK1512SW2000
24	4	1.0	28 7/8	17	16 3/4	19 5/8	452	24,000	1,005	RPACK1504SW2400
24	8	1.5	36 7/8						1,092	RPACK1508SW2400
24	12	2.0	44 7/8						1,179	RPACK1512SW2400

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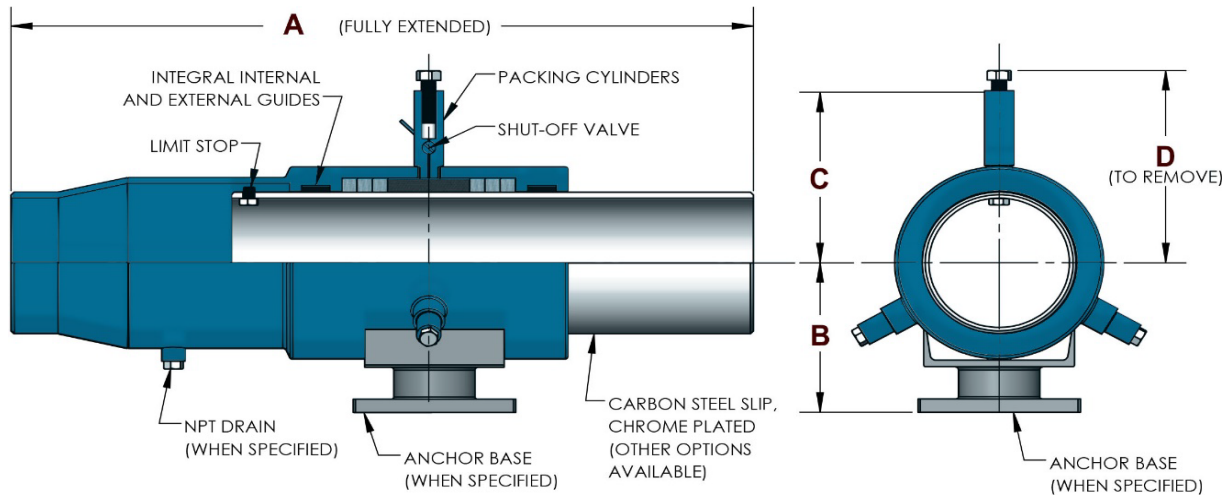
Project Name:

Contractor:

Model EP expansion joints combine excellent performance and economy. They can usually be provided quickly.

NOTES:

MODEL R-PACK EXPANSION JOINT 300PSI WELD END



The R-Pack comes standard for movements of 4", 6" and ". They are available in 150 and 300 psi models, and can be configured as doubles if required. The anchor base is optional.

Maximum Working Pressure 150 psi
Working Temperature 500°F
Test Pressure 450 psi

Pipe Size	Movements			Dimensions			Physicals			Product No.
	Ax Comp	Ax Ext	A	B* with base	C	D	Thrust Area	Friction Force to Compress	Wt	
	in	in	in	in	in	in	in²	lbs	lbs	
2	4	1.0	23	4 1/8	7 1/16	9 7/8	4.4	2,000	31	RPACK3004SW0200
2	8	1.5	31						36	RPACK3008SW0200
2	12	2.0	39						41	RPACK3012SW0200
2.5	4	1.0	23 1/2	4 1/2	7 3/8	10 3/16	6.5	2,500	38	RPACK3004SW0250
2.5	8	1.5	31 1/2						45	RPACK3008SW0250
2.5	12	2.0	39 1/2						52	RPACK3012SW0250
3	4	1.0	25 3/4	4 7/8	7 3/4	10 9/16	9.6	3,000	45	RPACK3004SW0300
3	8	1.5	34 3/4						53	RPACK3008SW0300
3	12	2.0	41 3/4						61	RPACK3012SW0300
4	4	1.0	26 3/4	5 1/2	8 1/4	11 1/16	16	4,000	63	RPACK3004SW0400
4	8	1.5	34 3/4						75	RPACK3008SW0400
4	12	2.0	42 3/4						87	RPACK3012SW0400
5	4	1.0	27 1/2	6 1/4	8 7/8	11 11/16	25	5,000	80	RPACK3004SW0500
5	8	1.5	35 1/2						96	RPACK3008SW0500
5	12	2.0	43 1/2						112	RPACK3012SW0500
6	4	1.0	26	7	9 3/8	12 3/16	35	6,000	99	RPACK3004SW0600
6	8	1.5	34						119	RPACK3008SW0600
6	12	2.0	42						139	RPACK3012SW0600
8	4	1.0	26	8 3/8	10 1/4	13 1/16	59	8,000	160	RPACK3004SW0800
8	8	1.5	34						187	RPACK3008SW0800
8	12	2.0	42						214	RPACK3012SW0800

Pipe Size	Movements			Dimensions			Physicals			Product No.
	Ax Comp	Ax Ext	A	B* with base	C	D	Thrust Area	Friction Force to Compress	Wt	
	in	in	in	in	in	in	in²	lbs	lbs	
10	4	1.0	26	9 3/4	11 3/8	14 3/16	91	10,000	240	RPACK3004SW1000
10	8	1.5	34						271	RPACK3008SW1000
10	12	2.0	42						302	RPACK3012SW1000
12	4	1.0	26 1/4	11	12 7/16	15 1/4	128	12,000	340	RPACK3004SW1200
12	8	1.5	34 1/4						376	RPACK3008SW1200
12	12	2.0	42 1/4						412	RPACK3012SW1200
14	4	1.0	28 5/8	12 1/2	13 1/4	16 1/16	154	14,000	431	RPACK3004SW1400
14	8	1.5	36 5/8						472	RPACK3008SW1400
14	12	2.0	44 5/8						513	RPACK3012SW1400
16	4	1.0	28 7/8	13 1/2	14 1/4	17 1/16	201	16,000	562	RPACK3004SW1600
16	8	1.5	36 7/8						612	RPACK3008SW1600
16	12	2.0	44 7/8						662	RPACK3012SW1600
18	4	1.0	28 7/8	15	15 1/4	18 1/16	255	18,000	688	RPACK3004SW1800
18	8	1.5	36 7/8						746	RPACK3008SW1800
18	12	2.0	44 7/8						804	RPACK3012SW1800
20	4	1.0	28 7/8	16 1/4	16 1/4	19 1/16	314	20,000	802	RPACK3004SW2000
20	8	1.5	36 7/8						870	RPACK3008SW2000
20	12	2.0	44 7/8						938	RPACK3012SW2000
24	4	1.0	28 7/8	19	18 1/4	21 1/16	452	24,000	1,005	RPACK3004SW2400
24	8	1.5	36 7/8						1,092	RPACK3008SW2400
24	12	2.0	44 7/8						1,179	RPACK3012SW2400

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