Tyvek Printing Specifications

1. Definition

Rolls of Tyvek are to be printed with 11 different patterns as shown in the attached drawing. Dimensional tolerance is ±1/32 inch.

2. Quantity

The quantities are listed in the following table. These quantites allow a 2% waste of material in the printer setup.

ITEM	NUMBER OF ROLLS	INITIAL ROLL WIDTH (IN)	FINAL ROLL WIDTH (IN)	MINUMUM NUMBER OF PRINTS	ESTIMATED LENGTH OF TYVEK (FT)
1	2.4	9-1/4	8 5/16	54,000	40,800
2	2.5	9-1/4	8 5/16	54,000	42,500
3	2.6	9-1/4	8 5/16	55,000	44,200
4	2.5	11-1/2	10 11/16	50,000	42,500
5	2.7	11-1/2	10 11/16	51,000	45,900
6	2.8	11-1/2	10 11/16	50,000	47,600
7	3	13-1/4	12 1/4	52,000	51,000
8	3.2	13-1/4	12 1/4	52,000	54,400
9	3.3	13-1/4	12 1/4	52,000	56,100
10	3.4	16-1/4	15 3/8	51,000	57,800
11	3.6	16-1/4	15 3/8	51,000	61,200

3. Material

The Tyvek material will be shipped to the printer from International Irrigation Systems in rolls of approximately 17,000 ft length. Some of the rolls will have to be divided to produce the requested number of prints..

Tyvek Printing Specifications

4. Ink

The ink should be black in color with a flat, non glossy finish. When dry, the ink should not flake or rub off of the Tyvek material. Print density should be at least 1.0, as measured by a standard print densitometer.

5. Slitting

The printed material should be slit to the final dimension after printing as shown in the attached drawing.

6. Spooling

The printed material should be spooled onto standard 3" diameter cores. The ink must be dry so that no ink is transferred to the unprinted area of the material. The printed pattern extends to one edge of the material after it is slit. There is a 3/8" gap between the printed pattern and the other edge. The edge with the gap should be at the right hand side when pulling the free end of material from the roll, printed side up

Tyvek Printing Specifications

7. Quality Assurance

The printer should contact one of the persons listed below, at least 24 hours before the printing is started, and notify them of the printing schedule. The printer agrees to supply a sample for inspection and approval to our representative present at the printing plant at the beginning of each run before proceeding with that printing pattern.

Person	Phone Number
Robert Miller	517-353-1697
Ron Richards	517-355-8299
Joey Huston	517-353-8783

8. Packaging and Shipping

The printed material should be packaged to prevent physical damage and covered with a water proof plastic wrap to protect against staining or contamination. The shipment should be sent within 20 days of receipt of order to:

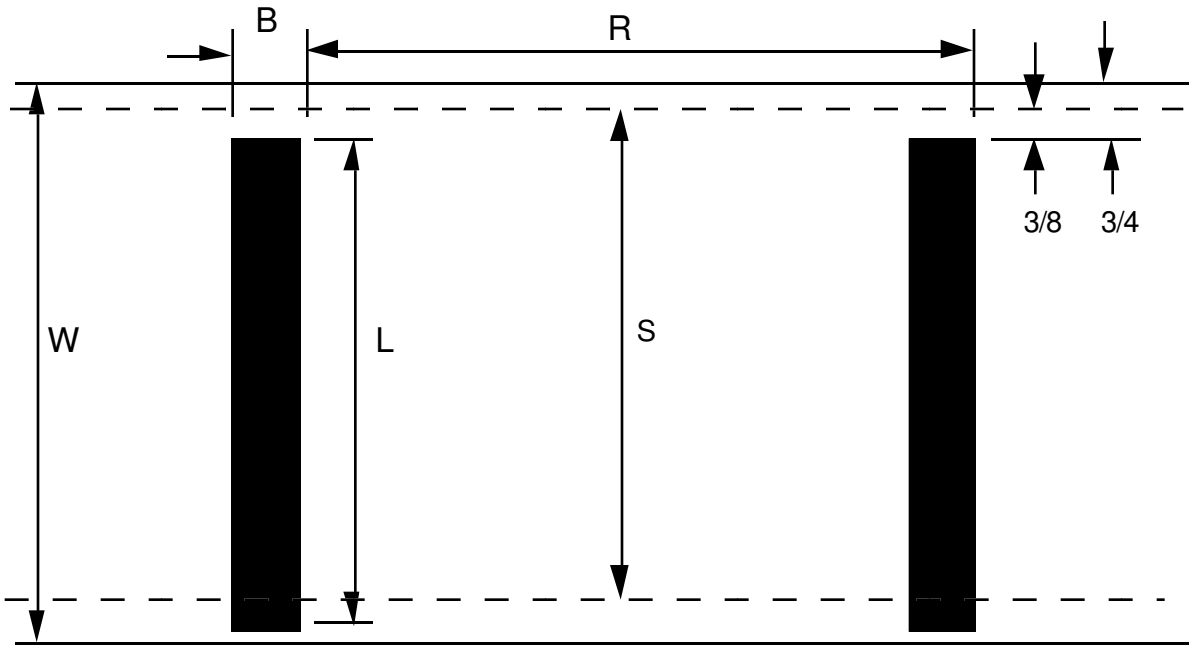
International Irrigation Systems
P.O. Box 1133
St. Catherines, Ontario L2R 7A3
Canada

The choice of shipping company and the payment for shipping and insurance for the replacement cost of $65,000 ($52,000 cost of material + $13,000 cost of printing) will be the responsibility of International Irrigation Systems.

Tyvek Printing Specifications

Printing of Masks for Tilecal Sleeves

6-16-98 R. J. Miller



Dimensions (inches ± 1/32)

Item #	Original Roll Width (W)	Printed Bar Length (L)	Printed Bar Width (B)	Repeat Distance (R)	Final Width (S)
1	9 1/4	8 1/4	1/2	8 5/8	8 5/16
2	9 1/4	8 1/4	1/2	9	8 5/16
3	9 1/4	8 1/4	7/8	9 3/8	8 5/16
4	11 1/2	10 1/2	7/8	9 7/8	10 11/16
5	11 1/2	10 1/2	1 1/4	10 3/8	10 11/16
6	11 1/2	10 1/2	1 1/4	10 7/8	10 11/16
7	13 1/4	12 1/4	1 1/4	11 3/8	12 1/4
8	13 1/4	12 1/4	1 1/2	12	12 1/4
9	13 1/4	12 1/4	2	12 1/2	12 1/4
10	16 1/4	15 1/4	2 5/8	13 1/8	15 3/8
11	16 1/4	15 1/4	3 1/2	13 7/8	15 3/8