



# SRM INDUSTRIES INC.



*The Toughest Hose Protection Products on the Planet...Period!*

## RHINO WRAP™ 1050



### 1050 Ballistic Nylon

Size 1" – 16" I.D. (25.30 mm to 406.4 mm)

#### FEATURES

- Mil-Spec 1050 Ballistic Nylon, 1.7 mil, urethane coating
- **Temperature Range:** -60° F to +250° F (-51°C to +121°C)
- **Abrasion:** Very Good, meets ISO 6945 specifications
- Meets: Line of Sight Operator specification EN982 ISO norm 833 EN
- **Puncture and Tear resistance:** Good
- **UV Protection:** Very Good, meets EN13758-1
- **Chemicals:** Very good resistance to water and petroleum
- Meets California Prop 65
- Meets RoHS

#### BENEFITS

- Lightweight, tough, highly flexible
- Fast OEM & field service
- Easy to retrofit to existing applications
- Post assembly installation prevents hydraulic system contamination
- Provides Cylinder Rod Protection
- Installation: Fast and easy
- Wicking: Very good; sheds surface moisture
- Proprietary bonding process allows cutting without fraying
- Easy to cut to length

Manufactured in the USA for SRM Industries Inc.

**Note:** We reserve the right to make any engineering or material changes at any time to our products for enhancement, performance and quality.

*Proper use of product is the sole responsibility of the user.*

*See Cross Reference Chart on page 15*





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#### Bundling of Hoses & Abrasion Protection

**RHINO WRAP™ 1050** can be cut to length for bundling groups of hoses together in minutes for ease of assembly & for abrasion protection. When a hose breaks there is no need to take all the hoses out of a sleeve to remove a bad hose, just open it up, remove the bad hose, insert the new hose and you're back in business without any disassembly.



#### Cylinder Rod Protection

Damaged cylinder rods & seals are ongoing problems on hydraulic equipment. Dents & gouges on rods reduce seal & gland life and allow contaminants into the system. Research has shown that the cost of damaged cylinders is ten times the cost of prevention.

#### Cylinder Rod Installation

**RHINO WRAP™ 1050** can be cut to length & clamped & installed in minutes at a fraction of the cost of custom bellows.



### INDUSTRIES USING OUR PRODUCTS

- Chemical Plants
- Coal Mining and Processing
- Construction
- Energy / Utilities
- Forestry / Logging
- Fracking
- Machinery Manufacturing
- Manufacturing General
- Marinas
- Mining / Quarrying
- Oil / Gas Extraction
- Petroleum
- Railway
- Robotics
- Transportation
- Waste Management

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## RHINO WRAP™ SIZING CHART

Meets California Prop 65 & RoHS

**RHINO WRAP™ 1050: THE STANDARD FOR YOUR BUNDLING AND ABRASION NEEDS**

| SRM<br>Part Number | Wrap Inside Diameter |        | Wrap Flat Width |         |
|--------------------|----------------------|--------|-----------------|---------|
|                    | In.                  | Mm.    | In.             | Mm.     |
| RW-1.00            | 1.00                 | 25.40  | 3.89            | 98.81   |
| RW-1.50            | 1.50                 | 38.10  | 5.46            | 138.64  |
| RW-1.75            | 1.75                 | 44.45  | 7.00            | 177.80  |
| RW-2.00            | 2.00                 | 50.80  | 7.78            | 197.61  |
| RW-2.50            | 2.50                 | 63.50  | 9.35            | 237.49  |
| RW-3.00            | 3.00                 | 76.20  | 10.92           | 277.37  |
| RW-3.50            | 3.50                 | 88.90  | 12.49           | 317.25  |
| RW-4.00            | 4.00                 | 101.60 | 14.06           | 357.12  |
| RW-4.50            | 4.50                 | 114.30 | 15.63           | 397.00  |
| RW-5.00            | 5.00                 | 127.00 | 17.20           | 436.88  |
| RW-6.00            | 6.00                 | 152.40 | 20.34           | 516.64  |
| RW-7.00            | 7.00                 | 177.80 | 23.48           | 596.39  |
| RW-8.00            | 8.00                 | 203.20 | 26.62           | 676.15  |
| RW-9.00*           | 9.00                 | 228.60 | 29.77           | 756.16  |
| RW-9.50*           | 9.50                 | 241.30 | 31.34           | 796.04  |
| RW-10.00*          | 10.00                | 254.00 | 32.91           | 835.91  |
| RW-11.00*          | 11.00                | 279.40 | 35.85           | 910.59  |
| RW-12.00*          | 12.00                | 304.80 | 39.19           | 995.43  |
| RW-13.00*          | 13.00                | 330.20 | 42.34           | 1075.44 |
| RW-13.50*          | 13.50                | 342.90 | 43.91           | 1115.31 |
| RW-14.50*          | 14.50                | 368.30 | 47.05           | 1195.07 |
| RW-15.00*          | 15.00                | 381.00 | 48.62           | 1234.95 |
| RW-16.00*          | 16.00                | 406.40 | 51.76           | 1314.70 |

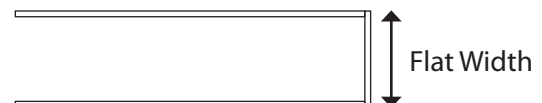
\* These sizes are Made to Order and require a Minimum of One (1) 150 Ft. roll per size

See Cross Reference Chart on page 9

Standard Roll Length is 150 FT. / 45.72 Meters Per Roll

### How to Determine Size

1. Extend cylinder
2. Measure rod length & cylinder Barrel O.D.
3. Use sleeve slightly larger than Barrel O.D.
4. Cut length 3"-4" (76.20mm-101.60mm) longer than extended length
5. Install sleeve over extended rod
6. Secure end on barrel with screw clamp
7. Fold sleeve around rod behind clevis, secure with clamp
8. Extend & retract cylinder to confirm fit





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## RHINO WRAP™ 1050

### CROSS REFERENCE CHART

Meets CA Prop 65  
↓ Meets RoHS ↓

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| RHINO WRAP 1050 NYLON P/N: | Wrap I.D. | Wrap Flat Width | Aeroquip P/N: FC676 - | O.D. | Atlantex P/N: | O.D. | Parker P/N: | O.D. | Weather head P/N: | O.D. | RHINO WRAP 1050 NYLON P/N: | Wrap I.D. | Wrap Flat Width |
|----------------------------|-----------|-----------------|-----------------------|------|---------------|------|-------------|------|-------------------|------|----------------------------|-----------|-----------------|
| RW-1.00                    | 1.00      | 3.89            |                       |      | TFHLC16-30    | 1.00 | PS-BV-100   | 1.00 |                   |      | RW-1.00                    | 1.00      | 3.89            |
| RW-1.50                    | 1.50      | 5.46            |                       |      |               |      |             |      |                   |      | RW-1.50                    | 1.50      | 5.46            |
| RW-1.75                    | 1.75      | 7.00            |                       |      |               |      |             |      |                   |      | RW-1.75                    | 1.75      | 7.00            |
| RW-2.00                    | 2.00      | 7.78            | 2000                  | 2.00 | TFHLC32-30    | 2.00 | PS-BV-200   | 2.00 | A4926             | 2.00 | RW-2.00                    | 2.00      | 7.78            |
| RW-2.50                    | 2.50      | 9.35            |                       |      |               |      |             |      |                   |      | RW-2.50                    | 2.50      | 9.35            |
| RW-3.00                    | 3.00      | 10.92           | 3000                  | 3.00 | TFHLC48-30    | 3.00 | PS-BV-300   | 3.00 | A4927             | 3.00 | RW-3.00                    | 3.00      | 10.92           |
| RW-3.50                    | 3.50      | 12.49           |                       |      |               |      |             |      |                   |      | RW-3.50                    | 3.50      | 12.49           |
| RW-4.00                    | 4.00      | 14.06           | 4000                  | 4.00 | TFHLC64-30    | 4.00 | PS-BV-400   | 4.00 | A4928             | 4.00 | RW-4.00                    | 4.00      | 14.06           |
| RW-4.50                    | 4.50      | 15.63           |                       |      |               |      |             |      |                   |      | RW-4.50                    | 4.50      | 15.63           |
| RW-5.00                    | 5.00      | 17.20           | 5000                  | 5.00 | TFHLC80-30    | 5.00 | PS-BV-500   | 5.00 | A4929             | 5.00 | RW-5.00                    | 5.00      | 17.20           |
| RW-6.00                    | 6.00      | 20.34           | 6000                  | 6.00 | TFHLC96-30    | 6.00 |             |      | A4930             | 6.00 | RW-6.00                    | 6.00      | 20.34           |
| RW-7.00                    | 7.00      | 23.48           |                       |      | TFHLC112-30   | 7.00 | PS-BV-700   | 7.00 |                   |      | RW-7.00                    | 7.00      | 23.48           |
| RW-8.00                    | 8.00      | 26.62           |                       |      | TFHLC128-30   | 8.00 |             |      |                   |      | RW-8.00                    | 8.00      | 26.62           |
| RW-9.00*                   | 9.00      | 29.77           |                       |      |               |      |             |      |                   |      | RW-9.00*                   | 9.00      | 29.77           |
| RW-9.50*                   | 9.50      | 31.34           |                       |      |               |      |             |      |                   |      | RW-9.50*                   | 9.50      | 31.34           |
| RW-10.00*                  | 10.00     | 32.91           |                       |      |               |      |             |      |                   |      | RW-10.00*                  | 10.00     | 32.91           |
| RW-11.00*                  | 11.00     | 35.85           |                       |      |               |      |             |      |                   |      | RW-11.00*                  | 11.00     | 35.85           |
| RW-12.00*                  | 12.00     | 39.19           |                       |      |               |      |             |      |                   |      | RW-12.00*                  | 12.00     | 39.19           |
| RW-13.00*                  | 13.00     | 42.34           |                       |      |               |      |             |      |                   |      | RW-13.00*                  | 13.00     | 42.34           |
| RW-13.50*                  | 13.50     | 43.91           |                       |      |               |      |             |      |                   |      | RW-13.50*                  | 13.50     | 43.91           |
| RW-14.50*                  | 14.50     | 47.05           |                       |      |               |      |             |      |                   |      | RW-14.50*                  | 14.50     | 47.05           |
| RW-15.00*                  | 15.00     | 48.62           |                       |      |               |      |             |      |                   |      | RW-15.00*                  | 15.00     | 48.62           |
| RW-16.00*                  | 16.00     | 51.76           |                       |      |               |      |             |      |                   |      | RW-16.00*                  | 16.00     | 51.76           |

\* These sizes are Made to Order and require a Minimum of One (1) 150 t. roll per size

Colors available - Special Order - Minimum Run by size