



## Specification Sheet Flat Lightweight Hose

Please find our technical specification sheet for All Components we use for our very popular and economical **Flat Lightweight Duct:**

### Outside layer:

- 1.) 1000 Denier Nylon, urethane coated, UV resistant and water repellent, or
- 2.) 14 oz. PVC Coated Polyester, UV resistant, mildew resistant, waterproof

Fiber:	Nylon	Denier:	1000x1000
Construction:	36 x 28	Coating:	3 pass urethane 1 oz

### Inner layer:

Coated Fabric Mildew & ultra Violet Resistant			
Fiber inside:	Woven Polyester	Denier:	1000 x 1000
Weight:	10 +/- 0.5 oz PSY		
Type of coating:	Poly Vinyl Chloride, 55% front and 45% back		
Grab Tensile:	Warp 480 lbs		
	Fill 450 lbs.		
Strip Tensile:	Warp 350 lbs.		
	Fill 345 lbs.		
Tongue Tear:	Warp 80 lbs.		
	Fill 65 lbs.		
Adhesion (1")	10 lbs.		
Abrasion (Taber)	Wheel: H-18	300 cycle, 70rpm	
	Load: 1000 gr.		
Hydro Resistance	300 PSI		
Low Temperature	-40 degrees F		

## Insulation:

Silver/white TS 12000 Polyethylene  
Coating 1.75 mil average, two sides (41 g/m<sup>2</sup>, two sides)

## Cuffs:

All our Hoses are priced with a cuff for your needs:

- **Velcro cuff** connections fits any other velcro cuffs that are on the Market
- **Zipper Cuffs**, hidden zipper behind 1" velcro strips
- **Clamp Cuffs**, metal clamps for solid attachments

## Manufacturing:

The center top and bottom seam of our Light Wight hose are **Radio Frequency Welded**, so no stitch lines can get damaged by hoses being dragged on the ground.

The two outside seams are bonded with heavy weight 2" Polypropylene, to give our hoses an easy to roll up form and stitch line holes for moisture to escape.

We use very high quality material to prevent any material going into the airflow. Our flat weight Hoses have four chambers with four Insulation strips sewn into it.

Should you want information in greater detail and or a sample hose section sent to you, please contact us:

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