

**AmCraft**  
**Manufacturing, Inc.**  
*Sewn and Welded Products*

Specifications for Insulated Pre Conditioned Flat Hose

**Out- and Inside Fabric:**

- 14oz. Vinyl Coated Polyester Flame Resistant

Style NO. VCP-18NL FR

BASE FABRIC	
Weight	5 oz PSY
Fiber	Polyester
Fabric Style	Woven

COATED FABRIC	Mildew & Ultra Violet Resistant
Total Weight	18 +/- 0.5 oz PSY
Type of Coating	Poly Vinyl Chloride
Coating Distribution	60% front / 40% back
Width	61 "
Sealing Properties	<input checked="" type="checkbox"/> Dielectric <input checked="" type="checkbox"/> Thermal

MECHANICAL PROPERTIES		RESULTS	TEST METHODS	
			Fed. Std. 191A	ASTM
Grab Tensile:	Warp	400 Lbs	5100	D5034
	Fill	390 Lbs		
Strip Tensile:	Warp (1")	290 Lbs	5102	D5035
	Fill (1")	280 Lbs		
Tongue Tear:	Warp	90 Lbs	5134	D751
	Fill	85 Lbs		
Adhesion:	Adhesive	10 Lbs		
Abrasion (Taber):	Wheel: H-18	0.045 gr	5106	D3884
	Load: 1,000 gr			
	1,000 Cycle, 70 rpm			
Hydro Resistance:		500 PSI	5512	
Low Temperature:		-40 degrees F		
Flame Resistance:	Time of Afterflame	1.0	5903	
	NFPA 701 (Large Scale)	Pass	n/a	
	NFPA 701 (Small Scale)	Pass	n/a	
	FAR 25.853 (b)	Pass	n/a	
	California Fire Marshal	Pass	n/a	

The information provided represents typical physical properties but does not constitute a specification. Seller makes no representation or warranty, expressed or implied, that the products herein are suitable for the intended use of the Buyer or that the products will be properly used by the Buyer for the Buyer's purpose. The Buyer is solely responsible for determining the suitability of this product for the intended use of the Buyer.

## Insulation:

- 1" thick Fibramat Product

RM6300 Fiber is a unique construction of 100% non woven polyester fibers with excellent thermal and acoustical properties. Fibramat has no noticeable odor and will not provide sustenance for mold growth.

**Color:** White      **Weight:** 0.67 osf      **Thickness:** 1" (.125" + 0.25")

**Density:** 1.00lb/ft<sup>3</sup> @ 1"      **R-Value:** 5.465 @ 1"  
for the entire Hose Unit

**Flammability:** UL94 HF1, Pass  
FMVSS302, Pass  
UL File# E226545, UL94 HF1 Certified

								H	D		
		Min.			H	H	RTI		V	4	C
		Thk	Flame	W	A	Elec	Mech		T	9	T
Material Dsg	Color	mm	Class	I	I		Imp	Str	R	5	I
Polyester (PER), furnished as sheets.											
RM6300	WT	2.48*	HF1	—	—	50	50	50	—	—	—
	WT	14.44	HF1	—	—	50	50	50	—	—	—

\* -Density 0.062g/cc

## Zipper

- 3/4" Molded Plastic Chain Zipper

**Gauge/Tape Width:** 10mm/3/4"      **Crosswise Pull Strength ASTM-D 2061:** 155

**Color:** Black

## Thread

- A high tenacity plied and twisted UVR Bonded Filament Polyester Sewing Thread

**Brand name:** Poly UVR Bonded

**PLY:** 3

**Ticket size:** BD138

**Size with lube:** 21.2 LBS  
**(Average)** 9616 Grams

**Elongation:** 15 %

Should you want information in greater detail and or a diagram showing the location of each of the referenced Components please contact us:

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