

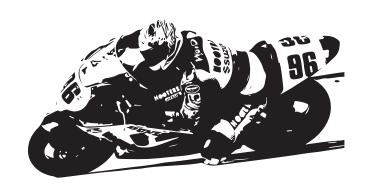
## Thank you for choosing **Vanson Leathers!**

# **Custom Driving Suit Guide**

### **Quality...from Professionals...for Professionals!**

Vanson Leathers understands professional racers. They depend on premium quality protective garments, fast knowledgeable service and styles and graphics to showcase the racer and his or her sponsors.

Vanson Custom Suits are made from top-grain U.S. cowhide approximately 3 1/2 oz. per square foot and 1.4 -1.7 mm. We are constantly developing new features and experimenting with new materials. This ensures that we can offer the best product and service to professional riders. Vanson offers a complete "menu" of options and lettering styles to choose from, allowing you to design the suit you want.



## How to use this form

Select the **Style** of suit based on the standard features which meet your racing needs. For each Style, there is a list of available **Options**. These Options are available at an additional cost to the base price of the suit. Select the Style then the Options. Next, you can Draw Your Own Design or choose from the many standard Graphic designs we have provided for you. Color selections can be made from Vanson's wide selection of drum-dyed colors.

Sample leather color swatches are available upon request. Remember, you can change colors at any seam line for **no extra charge!** To add a personalized touch to your custom suit use the Lettering and Logos section.

Note: Foils and Special Effects leather cost 15% **more.** Be sure to show the placement of any custom lettering in the spaces provided. Then, using the special Vanson Measuring Device, complete the Take Your Measurements section. Be sure to follow the directions carefully and fill out all the measurements in this section. In order to verify your measurements, it is **required** that you include your Height, Weight, and Age.

Finally, turn to page **41** of the form and complete your order by filling out the **Shipping Information** and adding the cost from each section to determine the **Total** Cost of your suit.

#### The Proof is in the Patents

Buying a Vanson suit is purchasing a unique piece of leather working history. Over the years, as we have developed our own, unique way of producing a better quality garment we've come up with entirely new concepts for our riders. As these innovations have been discovered and perfected, they have been patented.

Currently Vanson holds over 10 unique patents. These cover everything from the way we set the zippers in our garments for our venting system to our Floating Armor System. Carefully designed for your comfort and safety when working with our superior materials, we always seek to innovate without sacrificing the longevity of our suits.



951 Broadway Fall River, MA, 02724



www.vansonleathers.com +1 508 - 678 - 2000

(#) Designates 2 piece suits - all with full circumference waist zipper \*Ready made Suits not available as a custom order. Call for more information.

	(	Custom		
MK3 suits	VO93 double	front zipper suit	V09	
(with armor)	VE93	VL93	(sizes 34-54)	
Professional Road Racing, side car	V932 (#)	ladies available		
Drag Race Drag Racing, Dirt Track, Snowmobile Racing	DR1 DR2 (#)	ladies available DRL2 (2#)	Drag (#)* (sizes 34-54)	
Super Motard	SM02	ladies available		
(with armor) Super Motard Racing, Dirt Tracking, Vintage Road Racing	SM22 (#)	ladies available	1 piece only (sizes 34-54)	
Traditional	RR1	ladies available		
(extra leather)	RR2	ladies available		
Vintage Road Racing, Long Boarding, Dirt Tracking				
MK2 suits	RR12	ladies available		
with armor	RR22(#)	ladies available		
Road Racing, Dirt Tracking, Long Boarding, Side car Racing				
Street & Track Track Days, Sport Riding	STRC (#)	ladies available		
HYBRID - suit with Hump and CE F.A.S. armor  Professional Road Racing, Road Racing, Vintage Road Racing	Not Available	Not Available in Custom		
Garage Suit General Wrenching, Everyday Riding	VNV6	ladies Available	VNV6 (sizes 34 54)	
Car Suit Professional Car Racing, Kart Racing	FS01, FS05 - Si FP01, FP05 - F	FD01, FD05 - Double-Zip FS01, FS05 - Single-Zip FP01, FP05 - Pants FJ01, FJ05 - Jacket		

# **TOP 11 REASONS TO BUY A VANSON**

### **#1 Pride of ownership**

When you get a handmade Vanson custom suit you are joining a very exclusive worldwide club. These suits are heirloom quality, and given basic proper care will give decades of service.

#### #2 Express yourself through the creation of a beautiful and unique suit

Any graphic - you (we can help you) design it, we will make it. Or look at our design pages for inspiration. Note: subject to design/construction limitations of the basic garment we are making for you.

#### #3 Value

Get Back Up and Get Going – our suits are NOT crash and replace. Mike Martire has over 60 crashes on his suit; Brian "Crash" Kent over 40. Korry Hogan came off at 248 mph. Just before the finish line and slid 600 feet. Chris Hand got blown off his drag bike at 228 mph. Dale Quarterly lost it at full speed on the Daytona High Banks when his Ducati transmission locked up – 165 mph creating a 400 foot slide. Eric Wood at Homestead came off at 160 mph, and ran back to the pits to relaunch on his back-up bike.

#### #4 Strength + Protection

Race after race, year after year. Some of our oldest suits are still racing. Made from the strongest leathers, and the innovative and unique patented design features – such as the F.A.S. (Floating Armor System), Double Front Zipper racing suits, Powerstretch Aramid textile panels, RAM Air Sleeve vents, Air Curtain ventilation systems – Vanson continuously works to produce the best at the front of the pack. Take a look at Eric Guilbranson's Crash101 video (on web homepage) on why and how the Vanson suits protect.

#### #5 Made in USA

Handmade with pride in our workshop in Fall River, Mass, USA. The Vanson team has over 44 years experience of making dreams come true. We make and finish our own leather. We make our own Aramid textile – which we call Powerstretch.

#### #6 Ownership registry

All repairs, patterns and alterations are archived to enable us to repair and or reproduce each individual garment. We have tracked lost and stolen Vansons for their owners and the police.

### **#7** Reconditioning service

We will clean and bathe Vanson leathers using the same ph balanced oils and waxes used in the original tanning and finishing of the leathers.

#### **#8 Aftercare**

We will alter, repair and maintain Vanson leathers whatever the age and condition so long as the finished product is deemed "safe" by us.

### #9 Guaranteed fit

Once measurements have been approved by us, we have the information we need to be able to guarantee the fit for a custom motorcycle jacket, pants or suit. No worries – see our measurement video and pages – or call us, we can help.

#### #10 Any size

We will make to fit

## **#11 Asphalt Insurance**

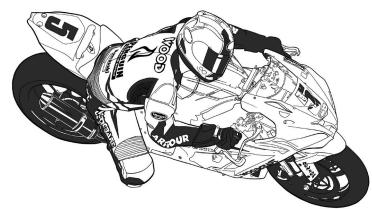
Take a spill and you've got asphalt insurance you're covered!

Who else does that for their customer?

# **TESTIMONIALS**

#### **Eric Wood**

"Vanson leathers are without question the finest racing suits available. Their premium leather and uncompromising manufacturing processes result in a product that you can really trust. After nearly 30 years of riding and racing in Vanson suits my skin has never touched the asphalt. There is no other brand that will protect you, time after time, like a Vanson."

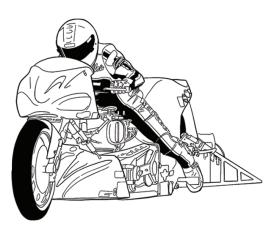


#### **Pat Mooney**

"I've worn several different manufactures' suits over my racing career and have unfortunately crashed in all of them. Vanson suits have held up crash after crash. If you plan on pushing to the limit on the racetrack the inevitable is going to happen, the best thing you can do for yourself is make sure you're wearing the best protection available."

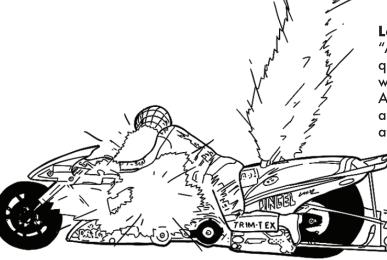
#### **Chris Hand**

"I have been wearing Vanson Leathers exclusively for almost 20 years. I have also experienced unparalleled service and support from Vanson over the years. Vanson is my only choice in leather apparel, whether I'm racing the 240 mph Top Fuel bike, street riding, or just sporting my Vanson Hailwood jacket at bike events."



#### **Larry McBride**

"All of my suits showcase some of the highest quality workmanship I have ever seen. I have been wearing Vanson Leathers for more than 20 years. As a racer, you need products you can trust. I have always trusted Vanson. My suit held up great, even after the fiery explosion."



# PROFIT CarbonX Driving Suit

# FD01 - FS01

Double-zip front or single-zip, driver/crew suit with a single layer of protection.

# FD05/ FS05

Double-zip front driver/crew suit SFI level 5

Single-zip driver/crew suit with SFI level 5 protection

# FJ01-05 Jacket

The same geometry applied to a single jacket

# **FP01-05** Pant

The same geometry applied to a single pant

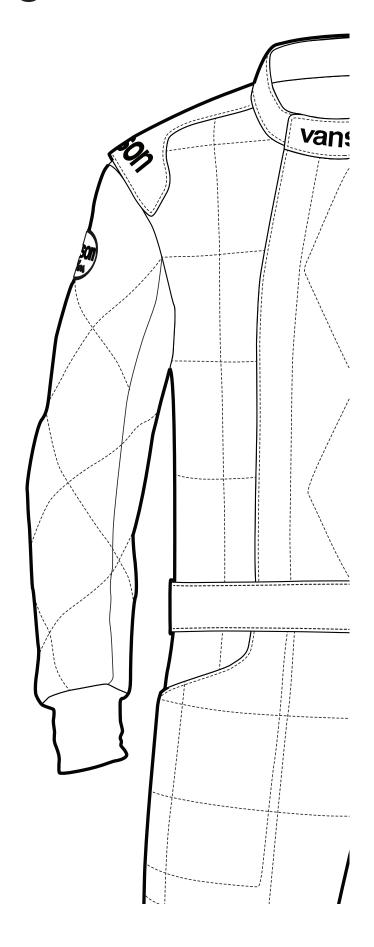
# FSOK-FDOK Child

Single-zip or double-zip front made for kids!

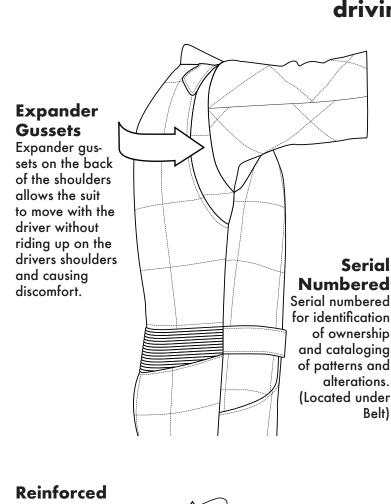
# **WE COMBINE**

DuPont™ Nomex®



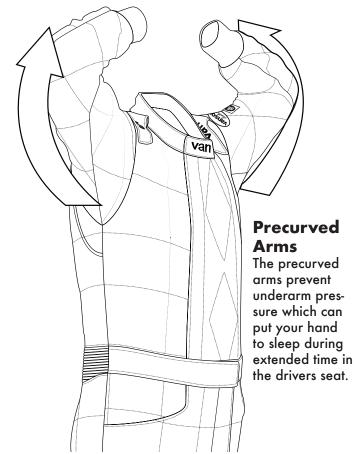


# Unique features that are standard on the Vanson PROFIT driving suit.





**Epaulets** Quilted Daytona style All multi layer nson reinforced epaulets suits are quilted standard for for prevenquick removal tion of fabric from vehicle. shifting and fire stoppage. **Expander Panel** Expander panel in the lower back area helps to prevent the suit from pulling down on the



driver's shoulders.

# Description of option	Price \$
EPAULET / BELTS / SUSPENDER OPTIONS	
40A Suspender buttons - set to waistband of pants - four sets	15.00 SET
of two buttons each to attach suspenders #40S	
40S Suspenders - also sold separately	49.00 EACH
INSIDE POCKET OPTIONS	
EMBROIDERED LOGO + SPONSOR PATCHES	
1BETVANSON embroidered onto thighs; Embroidery is outline style	35.00 PAIR
26 Sewing on Sponsor Patch(es) provided by customer covered i	n 8.00 EACH
clear plastic to help keep patch clean. Cost is per patch	
26A Additional VANSON Competition Ovals	N/C
Specify location and number in logo and sponsor section	
26B Sewing on patch - no cover	7.00 EACH
26CP Cloth patches SEWN/ NOMEX SUIT	3.00 EACH
DVO Delete VANSON Ovals	100.00
SF20 SFI-20 Certification patch - multi-layer Fire-Suit	
SFI1 SFI-1 Certification patch - single layer Fire-Suit	
SFI5 SFI-5 Certification patch - two layer Fire-Suit	
VANSON LOGO LETTERING	
10 "VANSON" extra logo-chargeable - show locations in	15.00 EACH
logo and lettering section	
10B "VANSON" LOGO (no charge) 2 X show location in logo and lettering section	N/C
10BC Small VANSON embroidered on both ends of collar	N/C

PEE	Z Fly zipper in racing suits with a double zipper front	30.00 EACH
#	Description of option	Price \$
OPI	TIONS FOR JACKET/PANTS	
KS	Ankle Straps	25.00 SET
CER	X Cermex® MT1800	45.00 per sq. f
PEE	Z Fly Zipper	25.00
40L	D-Ring (Left)	8.00
40R	D-Ring (Right)	8.00
KRN	ID Shoulder	45.00
	Elbow	45.00
	Hip	45.00
	Seat	45.00
	Knee	45.00
TL	Thumb-Loop	10.00

**TOTAL OPTIONS \$** 

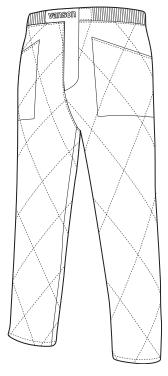


10BE VANSON embroidered epaulets - over crown of armhole

# Jacket Only

If you only need fire protection from us on your top half, we've got that covered. 3/4 length jacket with overlapping design.

N/C



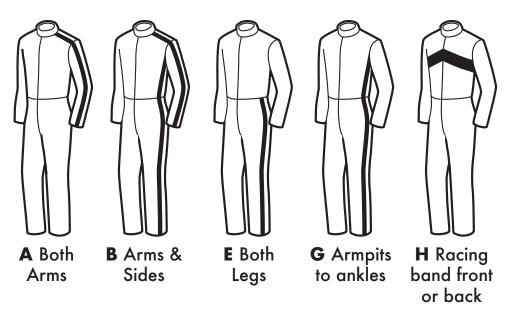
# Pants Only

When you only need the pants, we've got the pants you need. With overlapping design.

# **Embroidery**

**Sponsors Logo Pricing** 

Call for pricing on programming of sponsor logos



STRIPE STYLE	LOC	LOCATION ON SUIT (see diagrams to left)					
	Α	В	E	G	Н		
1 Single, 1 inch stripe	\$25.00	\$50.00	\$30.00	\$40.00	\$30.00		
2 Twin, 1 inch stripe	\$50.00	\$100.00	\$60.00	\$75.00	\$60.00		
3 Triple stripe 2 color	\$75.00	\$125.00	\$90.00	\$115.00	\$90.00		
4 Two inch stripe	\$30.00	\$55.00	\$35.00	\$45.00	\$35.00		
5 Three inch stripe	\$35.00	\$60.00	\$40.00	\$50.00	\$40.00		

**STRIPES TOTAL \$** 

#### **STRIPE MATRIX**

Choose stripe pattern you want and location. Example: A4=2 inch (#4) going down arms (A). Cost \$30.00 Non standard widths are priced as next widest standard stripe. Stripes over 3" wide are an "inlay" see previous page for costing.

Note: 3M® Reflective tape is offered in any stripe or pattern design as long as it can be done. This is a difficult material to work with.

Note: Foils and Special Effects leather cost 15% more.

# **INLAYS & INLAY DESIGNS**

Inlays are stripes over 3 inches in width. Inlay Designs are those color separations that require seam lines in addition to the basic seams (shown on the diagram). Symmetrical Inlay (side to side symmetry) are priced as \$100.00 top and \$100.00 bottom. Asymmetrical Inlays (no symmetry side to side) are \$150.00 top and \$150.00 bottom.

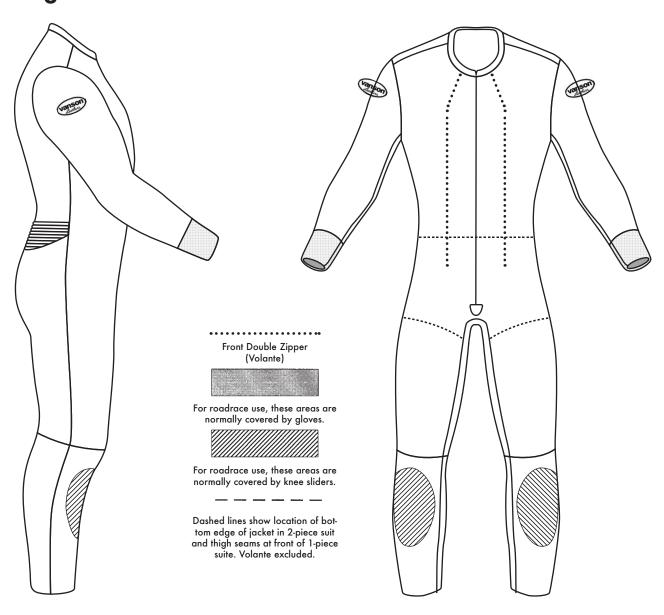
Top Inlay Total \$	_
Bottom Inlay Total \$	_
Total For Inlays S	

# **Sponsor Patches**

FRONT	BACK	LEFT SIDE	RIGHT SIDE

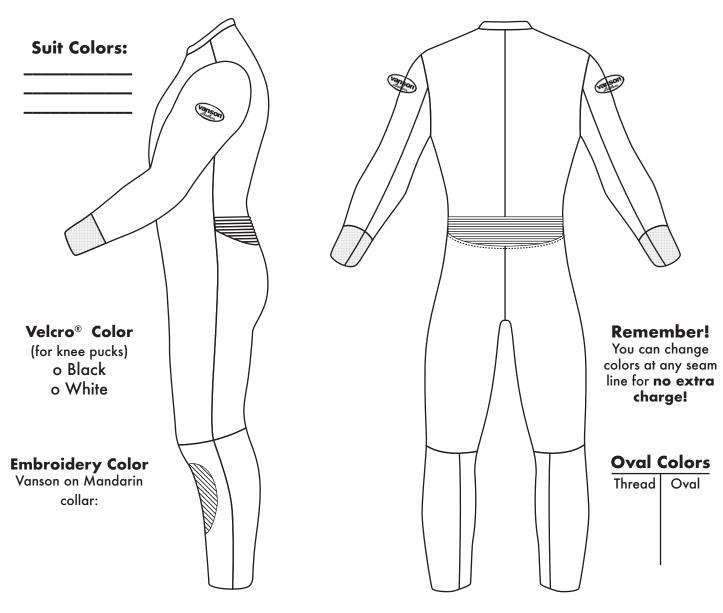
# **Draw Your Own Design**

Sketch suit design and show where any letters or numbers go. Show location of selected options such as sponsor patches and pockets. In addition to this section, fill if letters and numbers are part of your design. After reviewing design, we will advise you of the cost.



**DESIGN AND STRIPE NOTES:** Use these lines for any notes that may help our design department interpret your design. You will be advised of cost after we have reviewed it.

NOTE: Changes to your order after we have received it may affect our scheduling. Changes made after certain production steps may also incur extra charges.



# ADDITIONAL COMMENTS OR INFORMATION?

If there is any additional information or comments that you think could help us more clearly create your design please write it beneath this box.

# Letters & Numbers [Types and Sizes]

Choose Type & style. Fill out the correct section below. Mark on diagram the location and direction the word[s] are to be read. Sizes shown are used as a guide only. Letters are sized to fit the design and pattern based on your specifications.

Types of Letters and Numbers			Sizes of Letters and Numbers			Lettering Type - Embroidered		
/						<u>Size</u>	<u>Plain</u>	<u>Outline</u>
	PLAIN	P	<b>2"</b> \$5 ea	<b>3"</b> \$6 ea	<b>8"</b> \$8 ea	2"	=\$4	=\$8
The letters in the boxes after the		0	<b>2"</b> \$8 ea	<b>3"</b> \$10ea	<b>8"</b> \$14ea	3″ 4″	=\$6 =\$8	=\$10 =\$12
examples are to identify the TYPE	SHADOW	SH	<b>2"</b> \$8 ea	<b>3"</b> \$10ea	<b>8"</b> \$14ea	Total Co	st of all op	tions and
,	<b>SLOPING</b>	S	<b>2"</b> \$5 ea	<b>3"</b> \$6 ea	<b>8"</b> \$8 ea		ces on this	
SLOPING	OUTLANE	SO	<b>2"</b> \$8 ea	<b>3"</b> \$10ea	<b>8"</b> \$14ea	\$		
SUPPINA	SINONN	SS	<b>2"</b> \$8 ea	<b>3"</b> \$10ea	<b>8"</b> \$14ea	*Carbon X® is a Regi	stered Trademark of Ch	apman Thermal Product

Note: Embroidery is available. Please call for quote. Foil laminated leather 15% extra. Size is used only for pricing and reference. Shape and space may require slight changes in size. If exact size is desired, please contact Vanson directly.

Note: If you are ordering OUTLINE,

SHADOW, SLOPING OUTLINE, or SLOPING SHADOW write the primary [or main] color FIRST followed by the color of the outline or shadow.

Styles of Letters and N	umbers	FUNHOUSE	Brush Script
BANCO	CANCUN	FUTURA	SERPENTINE
BALLOON	CHOPHOUSE	GINKO	SQUARE
BEACH HOUSE	COOPER	OLDTOWN	STACCATO
BLOCK	COSMIC	TRANSPORTE *	TIMES ROMAN
BREMEN	EXPO	REVUE	TIMES SCRIPT TRANSROBOT

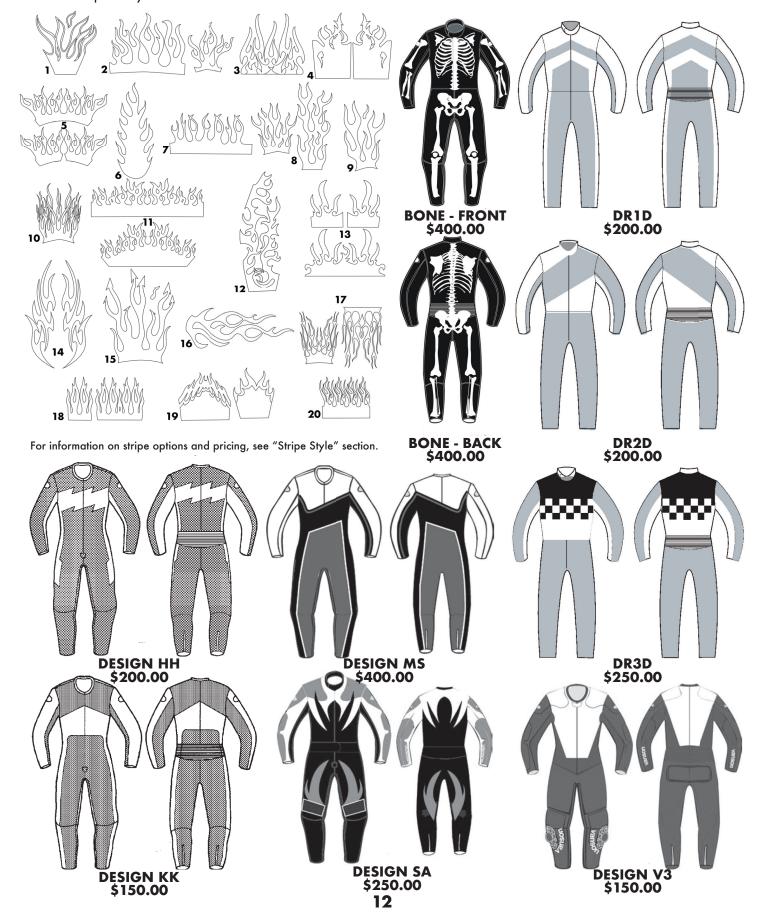
\*Available in CAPITALS only. Additional fonts available. send sample - we will match as closely as possible.

TYPE	SIZE	STYLE	WORDING	COLOR(S)	LOCATION	Total no. of letters	TOTAL \$

Numbers and letters TOTAL \$

# **Design Suggestions**

Graphic design shown here are additional to the cost of the suit. Call [508]678-2000 for pricing and other choices. Please Note: representation of these designs may have to be varied dependent on the suit type and the options you choose to have included in you suit. The #9 flame must be 2 colors minimum without an outline. #9 flame are a 3 color flame. Please do not pick only 2 colors for #9.









# STANDARD GRAPHICS



This is our selection of standard graphics. You can order one of these or pull some inspiration from these suits into your design.

# ADDITIONAL COMMENTS OR INFORMATION?

If there is any additional information or comments that you think could help

us more clearly create your design please write it beneath this box.

# REFERENCE PHOTOS HERE

Staple your photos to this square here

# **Take Your Measurements**

#### **GENERAL INSTRUCTIONS:**

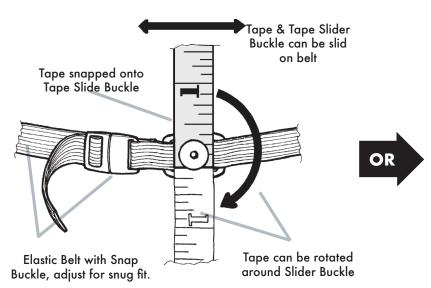
- Never measure yourself. Get someone else to help you.
- For taking measurements, wear jeans that fit you comfortably but snugly and a t-shirt. Empty contents of pockets. Pull up pants for snug fit. Remove belt.
- On measurements involving the waist or "VMD Waist" use Vanson Measuring Device (see below). Another tape will also be required for measuring.
- Pull tape measure snug DO NOT allow extra in your measurements
- Vanson race suits are purposely designed for comfort and ease of movement in the race position. They are designed to be worn over minimum clothing. They may not feel comfortable while standing or walking. They are not designed for touring or pedestrian use

#### HOW TO USE THE VANSON MEASURING DEVICE

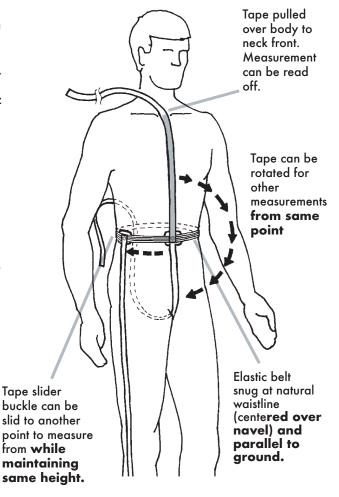
- This device is designed to assist you in obtaining consistent measurements. This is of utmost importance in order for us to make your suit fit as it should. Use on measurements marked 6.
- Secure the elastic belt part of the device around waist at navel. Make sure belt is parallel to ground.
- The elastic should be a snug fit so it does not move up and down easily when you rotate the tape or slide the tape slider buckle.
- You can now snap the tape to the tape slider buckle.
- Have someone run the tape over your body to the point you need to measure to, then write down the measurement.
- Rotate tape for other measurements that are from the same point. For other measure from points, slide tape slider buckle. Tape slider

Make sure elastic belt does not move accidentally during measuring process.

If you have questions, call Vanson's help line (508) 678-2000

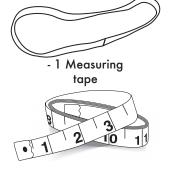


**Vanson Measuring Device** 



# Make your own VMD

 1 String/Elastic that will stay in place around waist at navel

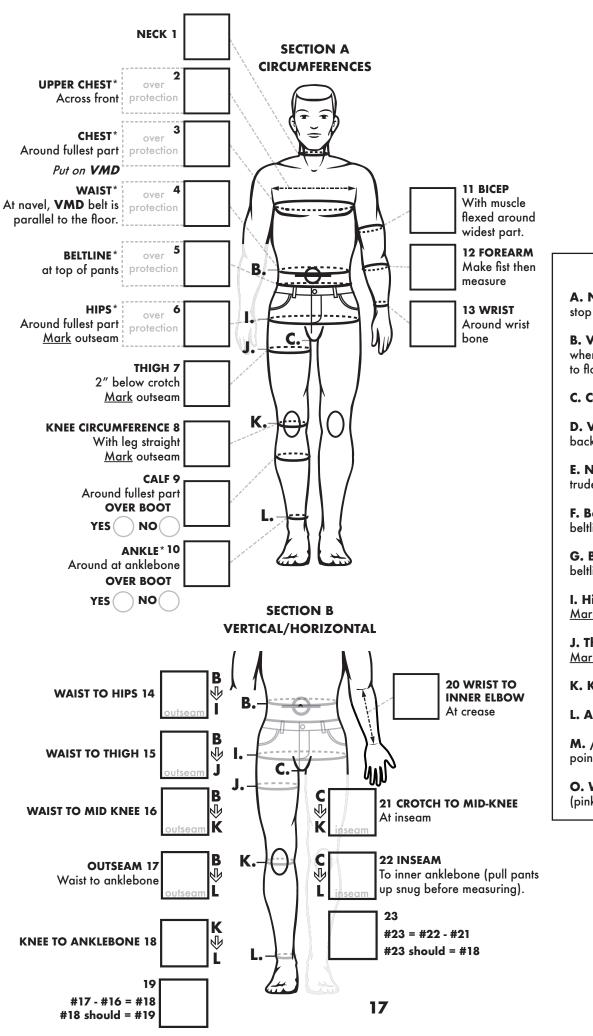


Make sure the band or string around the waist is parallel to the ground (periodically check throughout measurements). Make sure to take measurements along the string or band from the same points each time.

## SUIT MEASUREMENTS

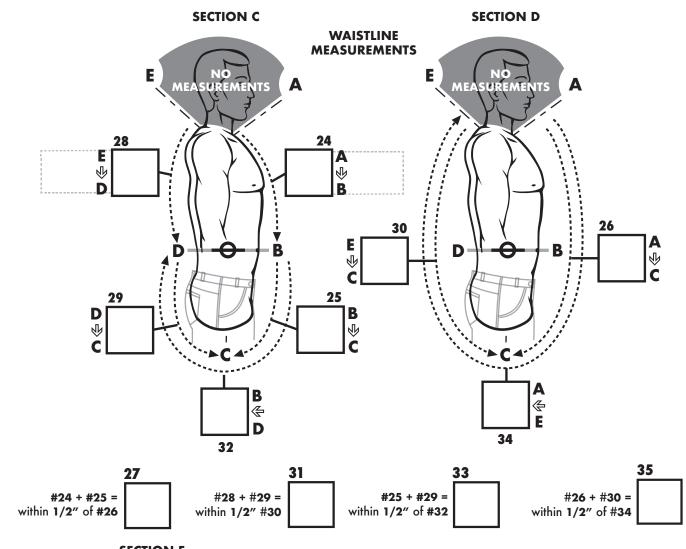
Date\_\_\_\_/ \_\_\_\_/ \_\_\_\_\_ **Contact Information** Name \_\_\_\_ Email \_\_\_\_\_ Weight \_\_\_\_\_ Age \_\_ ☐ MALE ☐ FEMALE Height \_\_ YES 1. Are you a bodybuilder? NO ( **SNUG** Note: DR2 suit only - circle one: TIGHT COMFORT 2. Are there any existing physical conditions that should be **RIDING POSITION DRAG RACE** allowed for in the fit of this suit? If Yes, describe. **Race Tuck** Laydown **RIDING POSITION - STREET OR ROAD RACE** 3. Are you measuring over any braces/armor? If Yes, describe. Sidecar **Super Sport** ( 250 GP **HANDLEBAR POSITION - CHECK ONE** 4. What brand/model spine pad do you wear? Drag Bars Clip-Ons Low Rise Bars 5. What type of belly do you have? EXTREME TUCK Please circle the one that best fits you.

FLAT MEDIUM		XTRA ARGE			M	
			ATTENTION	<b>1</b> !		
WARNING waiting	s: If your measureme for adjustments to be	ent checks are of e made. Help us	ff, your suit will not eliminate unnecess	fit correctly. These cho ary fit issues by provi	ecks will take mud ding accurate me	ch less time than asurements.
IMP				es with the measuring e rear with arms at sid		our waist.
				knee brace, etc. then nything that will help t		
MUST BE WEARING A		D IF Y	OU HAVE QUE 508-678-2	1 1		RE ELASTIC BELT (VMD) OES NOT MOVE
			MEASUREMEN TAKEN BY:	_		
GUIDE KEY	<u> </u>					
Check if completed					REMEMB	FR I
SECTION A			7		KEMEMB	ZEK •
SECTION B		DE KEY	_	O VMD - WAI		CHECKERED BOX
SECTION C.		pecific		This is an indicate where the elast	tic band	This is used when you are doing your second
	SECTIO	ON G		from the Vanso ing Device rest		measurement over your armor or brace
SECTION D	SECTIO	N H		navel and para ground). Put th	allel with the	,
SECTION E				on AFTER you measurement #	complete	
SECTION F				medsorement w		
100% MADE SO	LD AND SERVICED	IN THE	U\$5	WITH CORRECT	T MEASUREMEI	NTS AND EQUATIONS

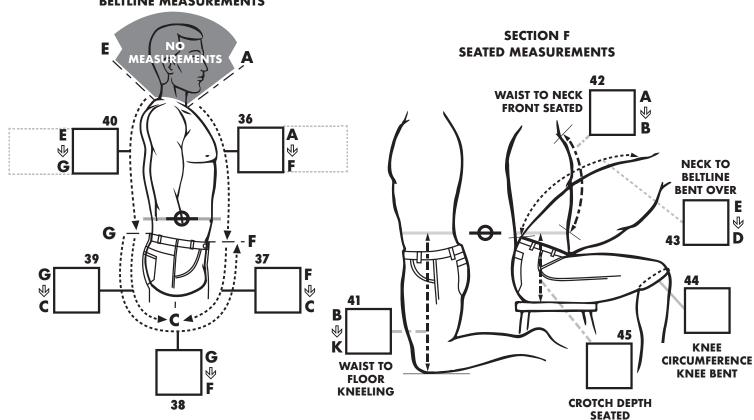


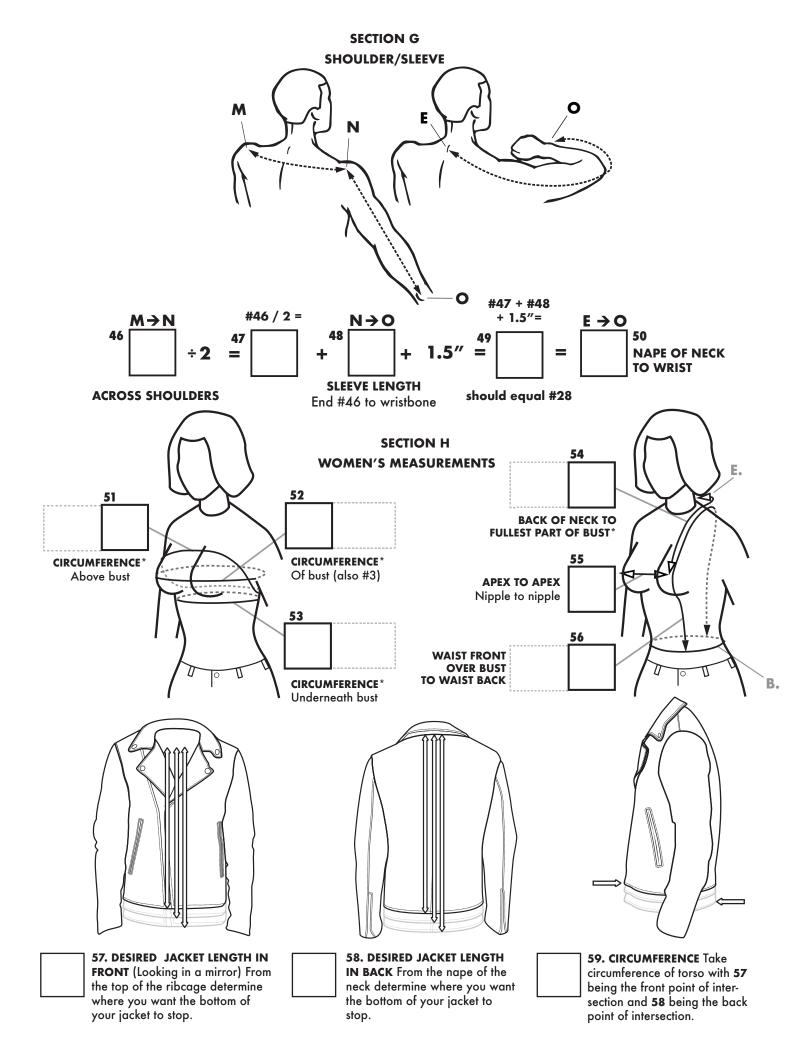
#### **LEGEND**

- **A. Neck** Hollow of neck at the stop of sternum
- **B. VMD-Waist** Waist at navel where you have the VMD parallel to floor
- C. Crotch Pants seam intersection
- **D. VMD-Waist Back** Middle of back where waist and spine meet
- **E. Nape Of Neck** Bone that protrudes from the back of your neck
- **F. Beltline Front** Center of the beltline in front of pants
- **G. Beltline Back** Center of the beltline in back of pants
- I. Hips Widest part of hips. Mark on outseam with tape.
- **J. Thigh** 2" Below crotch Mark on outseam with tape.
- K. Knee Middle of knee cap
- L. Ankle At ankle bone
- M. / N. Shoulder Outermost point of shoulder bone
- O. Wrist Outer bone on wrist (pinky side)











# **Custom Racing Suits**

U.S. Made . . . experience the best!

951 Broadway, Fall River, MA 02724 Phone (508) 678-2000 • Fax (508) 677-6773

E-Mail: vanson@vansonleathers.com • Web Site: www.vansonleathers.com

Date and location					
Order Form	Suit Style #	Suit Color(s)	Vanson use only		

After verification of measurements, we guarantee the fit at no extra charge!

Type or print clearly. Fill out all the relevant sections. Be sure to read this form carefully, including the terms and conditions section.

All orders must be signed and accompanied by a 50% deposit.

DUE DATE MAY CHANGE WITHOUT NOTIFICATION Prices subject to change without notice before receipt of order.

			P.O.#
Salesman's	Pick Up	Order Date	Office Use
#	or Ship		Date Order Received
		Due Date	
Dealer #			

Dealer Name	CALCULAT	F COST
Customer's Name (if different from above)	Add the totals from each section of this form	
Shipping Address	1 Basic Suit	\$
City State Zip	2 Options	\$
Dealer Phone () Customer W. Phone ()	3 Graphic Design	\$
Email Customer H. Phone ()	4 Stripes Etc.	\$
	5 Letters & Numbers	\$
Birth Date / (used for Cust #) First Race Date Needed / /	Custom Fee	\$
Method of Payment: VISA o MasterCard o AMEX o Discover o	Total	\$
Money Order o Check o Check number	Asphalt Ins. (+15%)	\$
,	Rush Charge (+20%)	\$
AMEX, Discover, VISA or MasterCard #	MA res.add sales tax	\$
Exp. Date CVC Code	Credit TOTAL	\$
Authorizing Signature	Deposit 50%	\$
		\$
NOTE: If you change your order after we have received it your changes will affect our scheduling. Changes made after certain production steps will also incur additional charges	Shipping	\$

Add the totals section of th	Use	
1 Basic Suit	\$	
2 Options	\$	
3 Graphic Design	\$	
4 Stripes Etc.	\$	
5 Letters & Numbers	\$	
Custom Fee	\$	
Total	\$	
Asphalt Ins. (+15%)	\$	
Rush Charge (+20%)	\$	
MA res.add sales tax	\$	
Credit TOTAL TOTAL	\$	
Deposit 50%	\$	
	\$	
Shipping	\$	

#### TERMS AND CONDITIONS

or certified check) for the balance.

All custom orders must be signed and be accompanied by a 50% deposit. This deposit is non-refundable once work has commenced on your order.

A rush service is available for a 20% surcharge on the total price of the garment. This is intended to cover costs related to producing your garment within 15 working days. However, this is not a guaranteed service and is dependent on our existing backlog when your order is received. In the event we are unable to produce your suit within the specified time, the rush charge will be refunded. Accurate measurements are your responsibility.

Custom orders are not refundable, if any changes or alterations are required to the garment, it must be returned within 30 days from the date shipped.

If the balance on the garment is not pre-paid, the garment will ship C.O.D. (cash

All designs submitted or made as a result of this order become the exclusive property of Vanson Leathers Inc. and may not be used for any purpose without the written permission of Vanson Leathers, Inc. Vanson Leathers, Inc. reserves the right to change and modify product specifications.

Alterations due to inaccurate measurements are chargeable to you.

Note: Florescent and metallic finishes on leather are decorative and are not warrantied by Vanson. All metallic and florescent finishes are light sensitive and may fade in sunlight. All non drum dyed leather, including metallic and florescent finishes, cannot be refinished by Vanson.

