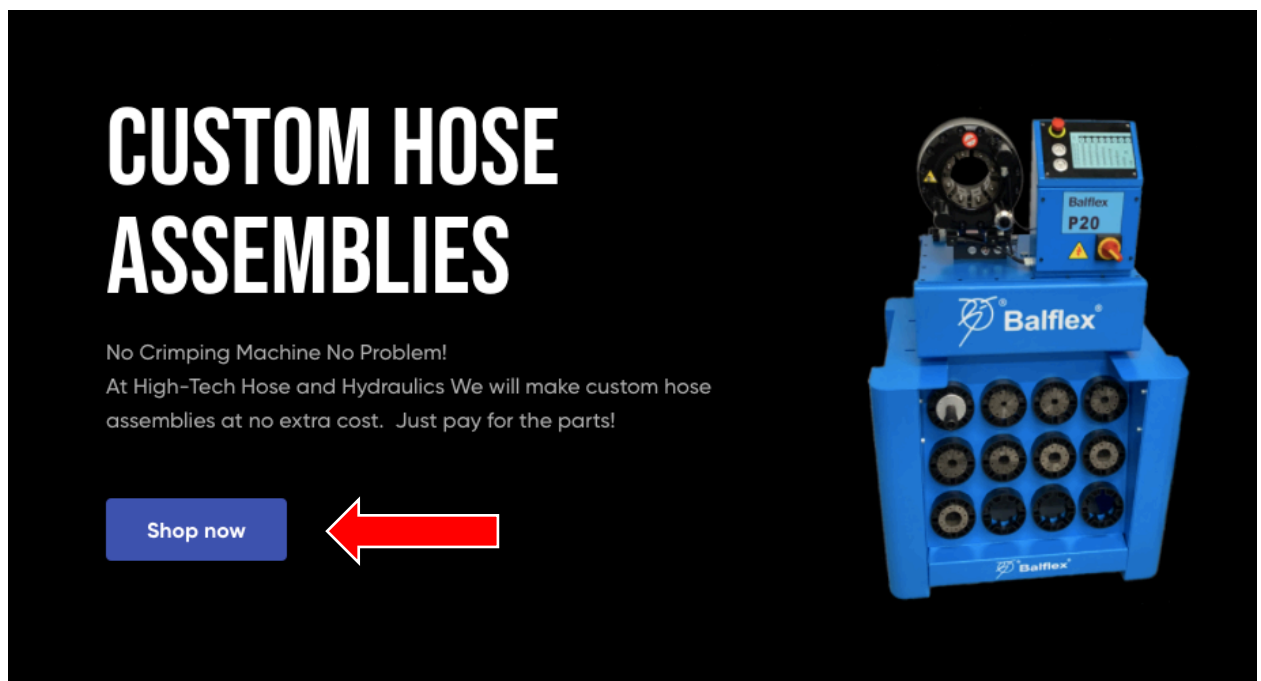


HIGH-TECH HOSE AND HYDRAULICS

CUSTOM HOSE ASSEMBLY GUIDE

WHEN PURCHASING A CUSTOM HOSE ASSEMBLY FROM THE HTHOSES ONLINE STORE IT IS IMPORTANT TO UNDERSTAND HOW THE ASSEMBLY IS CREATED IN THE SHOP. THIS WILL HELP AVOID ANY MISTAKES AND ENSURE YOU GET THE EXACT HOSE ASSEMBLY YOU NEED TO GET YOUR EQUIPMENT BACK UP AND RUNNING. THIS IS A COMPLETE GUIDE ON HOW TO PROPERLY ORDER.

- 1) LOCATE THE CUSTOM HOSE ASSEMBLY ON THE HOMEPAGE AND CLICK **SHOP NOW**.



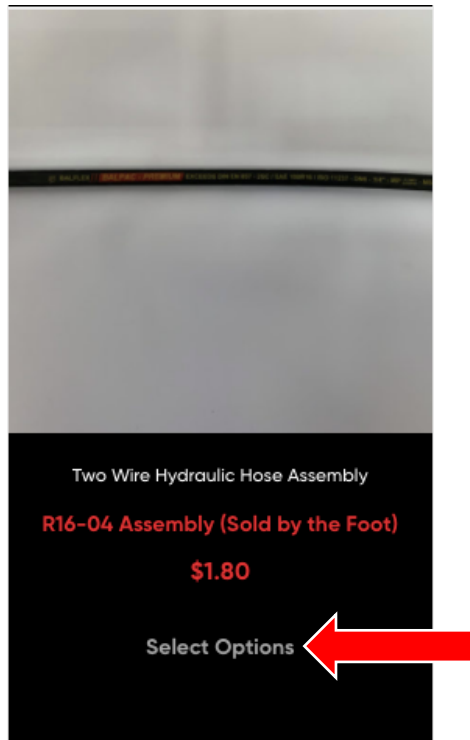
CUSTOM HOSE ASSEMBLIES

No Crimping Machine No Problem!
At High-Tech Hose and Hydraulics We will make custom hose assemblies at no extra cost. Just pay for the parts!

[Shop now](#)

Balflex P20

- 2) CHOOSE THE HOSE YOU WISH TO BUILD A CUSTOM ASSEMBLY WITH. (IN THIS EXAMPLE WE WILL USE THE R16-04 HOSE, BUT THE PROCESS IS THE SAME FOR ALL HOSES) CLICK THE **SELECT OPTIONS** BUTTON TO CUSTOMIZE.



- 3) THE FIRST STEP IN BUILDING YOU NEW CUSTOM HOSE ASSEMBLY IS PROPERLY IDENTIFYING WHICH FITTINGS YOU NEED ON THE ASSEMBLY AND MATCHING THEM UP TO OUR PART NUMBERS. TO DO THIS WE NEED TO KNOW HOW ARE PART NUMBERS TRANSLATE. (SKIP TO STEP 4 IF YOU KNOW HOW TO IDENTIFY THE PART #'S)

BW2304-04FJ

THE **GREEN** BOX INDICATES THE TYPE OF FITTING (EITHER 1-PIECE OR 2-PIECE) **BW23= 1-PIECE FITTING AND 23= 2-PIECE FITTING** *NOTE WHEN PURCHASING A 2-PIECE FITTING YOU WILL ALSO NEED TO BUY THE CORRECT FERRULE. CHECK THE DESCRIPTION OF THE FERRULES IN THE SHOP TO SEE WHICH HOSE THEY ARE FOR.

THE **YELLOW** BOX INDICTED THE DASH SIZE OF THE HOSE (SEE DASH CHART BELOW)

THE **BLUE** BOX INDICATES THE DASH SIZE AND STYLE OF THE FITTING (SEE ABBREVIATION CHART BELOW)

BELOW IS A CHART THAT EXPLAINS THE DASH SIZES

-2	1/8 INCH
-3	3/16 INCH
-4	1/4 INCH
-5	5/16 INCH
-6	3/8 INCH
-8	1/2 INCH

-10	5/8 INCH
-12	¾ INCH
-16	1 INCH
-20	1-1/4 INCH
-24	1-1/2 INCH
-32	2 INCH
-36	2-1/4 INCH
-40	2-1/2 INCH
-48	3 INCH
-56	3-1/2 INCH
-64	4 INCH

**BELOW IS A CHART THAT EXPLAINS THE ABBREVIATIONS IN OUR PART #'S
(LOCATED AT THE END OF THE PART #).**

FJ	FEMALE JIC
FJ45	FEMALE JIC 45° ELBOW
FJ90	FEMALE JIC 90° ELBOW
FJ90s FJ90L	FEMALE JIC 90° ELBOW (SHORT) (LONG)
MJ	MALE JIC
FPX	FEMALE PIPE SWIVEL
MP	MALE PIPE
MPX	MALE PIPE SWIVEL
OFT	FEMALE O-RING FACE SEAL
OF45	FEMALE O-RING FACE SEAL 45° ELBOW
OF90	FEMALE O-RING FACE SEAL 90° ELBOW
OFTM	MALE O-RING FACE SEAL
RA	BOSS O-RING
RAX	BOSS O-RING SWIVEL
RAX90	BOSS O-RING SWIVEL 90° ELBOW
JIS	FEMALE JIS 60 ° CONE
DLF	FEMALE DKO-L METRIC (LIGHT)
DLF45	FEMALE DKO-L METRIC 45° ELBOW (LIGHT)
DLF90	FEMALE DKO-L METRIC 90° ELBOW (LIGHT)
DLM	MALE DKO-L METRIC (LIGHT)
DHF	FEMALE DKO-S METRIC (HEAVY)
DHF45	FEMALE DKO-S METRIC 45° ELBOW (HEAVY)
DHF90	FEMALE DKO-S METRIC 90° ELBOW (HEAVY)
DHM	MALE DKO-S METRIC (HEAVY)
BSPXF	FEMALE BRITISH PIPE SWIVEL
BSPXF45	FEMALE BRITISH PIPE SWIVEL 45° ELBOW

BSPXF90	FEMALE BRITISH PIPE SWIVEL 90° ELBOW
PA	CODE 61 FLANGE
PA45	CODE 61 FLANGE 45° ELBOW
PA90	CODE 61 FLANGE 90° ELBOW
PH	CODE 62 FLANGE
PH45	CODE 62 FLANGE 45° ELBOW
PH90	CODE 62 FLANGE 90° ELBOW
KOMA	KOMATSU 30° SEAT

- 4) NOW WE CAN SELECT THE CORRECT FITTINGS FOR YOUR NEW HOSE ASSEMBLY. THIS IS DONE BY SELECTING THE LEFT AND RIGHT FITTING OPTIONS IN THE SHOP.

R16-04 Assembly (Sold by the Foot)

\$1.80

1/4" Balflex Balpac-Premium Two Wire Hydraulic Hose

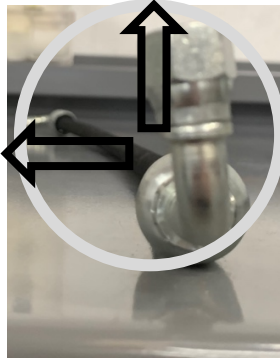
Left Fitting *

Select an option...

Right Fitting *

Select an option...

- 5) THIS NEXT STEP IS ONLY NECESSARY IF YOU ARE PURCHASING A HOSE ASSEMBLY WITH MORE THAN ONE 45° OR 90° FITTING. SINCE 45° AND 90° FITTINGS NEED TO BE FACING IN THE PROPER DIRECTIONS TO ALLOW PROPER INSTALLATION. WE UTILIZE THIS SECTION TO ALLOW YOU TO TELL US HOW TO ARRANGE THE FITTINGS. THIS IS DONE BY HOLDING UP YOUR HOSE AND PRETENDING TO LOOK THROUGH. NOW IMAGINE THE HOSE IS A CLOCK, KEEP ONE FITTING AT 12 O'CLOCK AND THE OTHER SHOULD BE FACING ANOTHER HOUR ON A CLOCK. THAT IS HOW WE IDENTIFY THE FITTING ORIENTATION. SIMPLE PUT 12-1,12-2,12-3.... BASED OFF WHERE THE FITTINGS LAY. THE EXAMPLE BELOW WOULD BE A 12-9 CONFIGURATION.



- 6) NOW THAT THE HARD PART IS DONE YOU CAN CHOOSE DIFFERENT UPGRADE OPTIONS FOR YOUR HOSE. THE FIRST OPTION IS TO ULTRA CLEAN YOUR NEW HOSE ASSEMBLY. THE SECOND OPTION TO WRAP THE HOSE IN A WOVEN NYLON SLEEVE. NEITHER OF THESE OPTIONS ARE NECESSARY TO COMPLETE YOUR HOSE ASSEMBLY BUT ARE HIGHLY RECOMMENDED TO PROLONG THE LIFE OF YOUR HOSE AND SYSTEM.
- 7) FINALLY, WE'RE AT THE SECTION WHERE YOU SPECIFY WHAT LENGTH YOU WANT YOUR NEW HOSE ASSEMBLY TO BE. THIS REQUIRES TWO STEPS TO BE COMPLETED. THE FIRST BEING ENTERING THE EXACT END-TO-END LENGTH OF YOUR HOSE ASSEMBLY IN INCHES. **(THIS WILL NOT AFFECT THE PRICE OF YOUR HOSE ASSEMBLY IT IS A GUIDE FOR US TO MAKE YOUR HOSE ASSEMBLY TO THE PERFECT SIZE. IF LEFT BLANK, WE WILL CREATE THE ASSEMBLY TO THE LENGTH IN FEET.)**

NEXT YOU WILL NEED TO CONVERT YOUR END-TO-END LENGTH FROM INCHES INTO THE NEAREST FOOT AND ENTER THAT NUMBER INTO THE QUANTITY SECTION NEXT TO THE ADD TO CART. **(NOTE: THIS IS WHERE YOU WILL BE CHARGED FOR THE LENGTH OF YOUR HOSE ASSEMBLY. IF FILLED OUT INCORRECTLY WE WILL NOT BE ABLE TO MAKE THE PROPER HOSE ASSEMBLY. WE ASK THAT EVERYONE ROUNDS TO THE NEAREST FOOT PLEASE CHECK THE ROUNDING GUIDE BELOW AND FOLLOW THE INCREMENTS FOR LARGER SIZES.)**

0-12 INCHES	1 FOOT
13-24 INCHES	2 FOOT
25-36 INCHES	3 FOOT
37-48 INCHES	4 FOOT
49-60 INCHES	5 FOOT
61-72 INCHES	6 FOOT
73-84 INCHES	7 FOOT
...	...

IF YOUR HOSE ASSEMBLY IS ONLY 1-4 INCHES OVER THE NEAREST FOOT, WE ASK THAT YOU ROUND DOWN. THIS IS DONE SO YOU DO NOT HAVE TO PAY FOR A EXTRA FOOT OF HOSE WHEN YOU ONLY NEED A FEW INCHES. SEE THE EXAMPLES BELOW TO PROPERLY INPUT THE LENGTH OF YOUR HOSE ASSEMBLY.

Exact Hose Length (In Inches)

Note this field is not required although it is recommended if you have a specific end-to-end length for you hose. (This will not effect the price of your hose assembly) Please enter the exact length in inches here and add the length of your hose assembly to the nearest foot in the quantity field next to the add to cart button.

2x R16-04 Assembly (Sold by the Foot)\$3.60

Exact Hose Length (In Inches) - 26 inches -

Subtotal \$3.60

Exact Hose Length (In Inches)

Note this field is not required although it is recommended if you have a specific end-to-end length for you hose. (This will not effect the price of your hose assembly) Please enter the exact length in inches here and add the length of your hose assembly to the nearest foot in the quantity field next to the add to cart button.

3x R16-04 Assembly (Sold by the Foot)\$5.40

Exact Hose Length (In Inches) - 30 inches -

Subtotal \$5.40

Specific Length

Hose Length Rounded Down

Hose Length Rounded Up

Specific Length

YOU HAVE NOW SUCCESSFULLY CREATED YOUR NEW CUSTOM HOSE ASSEMBLY. JUST ADD THE ASSEMBLY TO YOUR CART AND YOU'RE READY TO CHECK OUT OR CONTINUE SHOPPING. (NOTE MAKING THE QUANTITY NEXT TO THE ADD TO CART BUTTON IS NOT FOR MULTIPLE HOSE ASSEMBLIES. YOU WILL HAVE TO CREATE EACH HOSE ASSEMBLY INDIVIDUALLY EVEN IF THEY ARE THE SAME ASSEMBLY.)

STILL HAVING TROUBLE? THAT IS NOT A PROBLEM, PLEASE CALL US AT (843) 764-9929 WITH ALL OF YOUR QUESTIONS AND A HIGH-TECH TEAM MEMBER WILL BE GLAD TO ANSWER ANY AND ALL QUESTIONS.