

JUGGLE BOARD

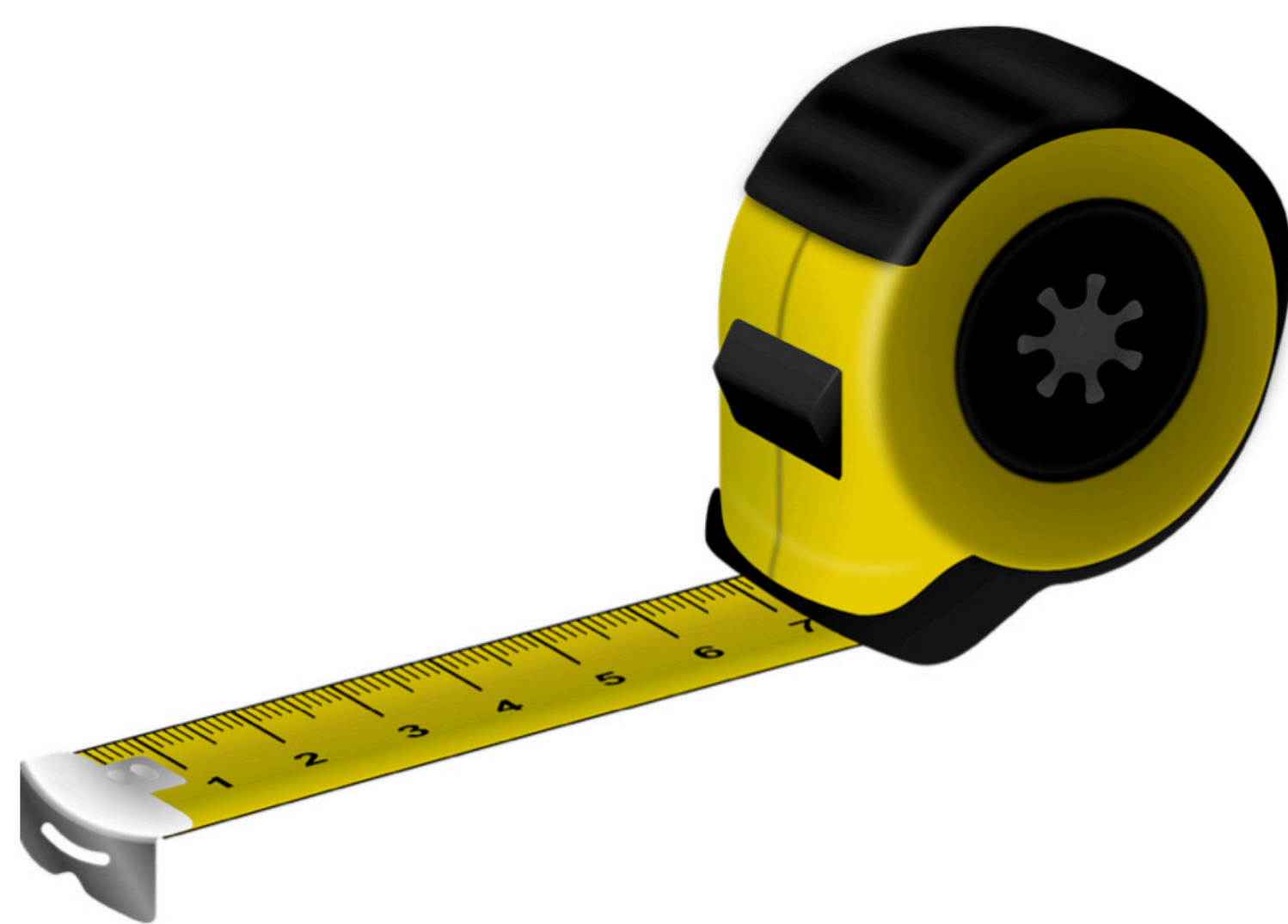
Open Source Building Instructions

This open source instruction guide to building a Juggle Board out of PVC pipe has been developed and produced by **Craig Quat**. Very special and creative thanks goes to **Amy Elyse Cohen** of **Circus Culture** (Ithaca, NY). Amy’s creative ingenuity is responsible for the resourceful design of using PVC materials in order to construct a basic model Juggle Board. PVC products are a great source of material as they are both affordable and widely available. Additionally, the construction processes requires very little experience working with tools. Construction can be sped up using power tools, but even for those without access to such equipment a simple pipe cutter or saw can complete the task.

Also included in these instructions are pricing & product reference from furniture grade PVC pipe distributor, **FORMUFIT**. The company’s products have been tried and tested to be the best material source for the project. More info can be found at www.formufit.com

REQUIRED TOOLS

Tape Measure



Marker



Cutting Tool

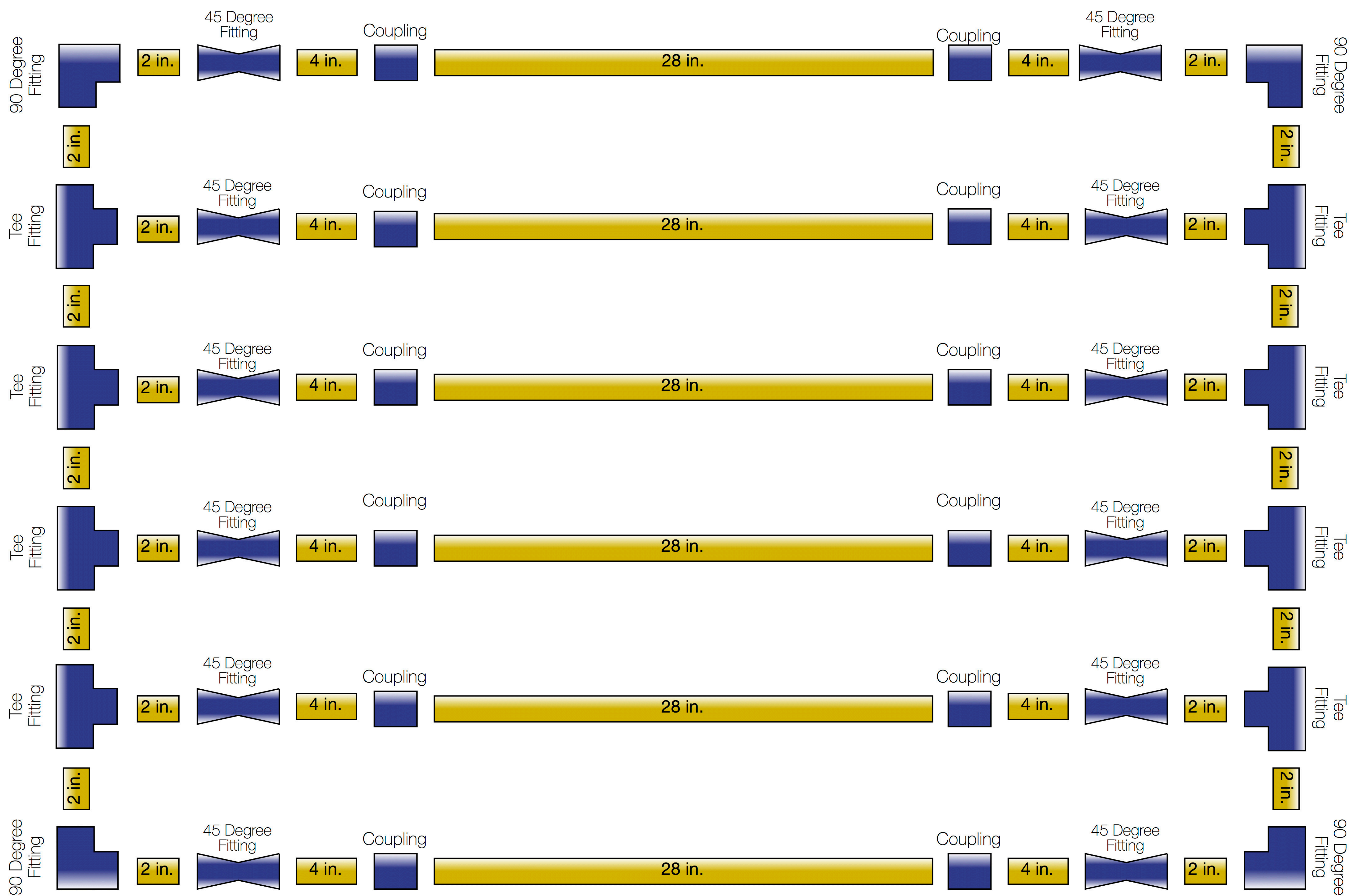


MATERIALS LIST

FORMUFIT Pricing

Item	Size		Quantity	Colour	
				White	
PVC Pipe	1 1/4 in.		25 feet	\$40.00 USD	\$52.00 USD
45 Degree Fitting	1 1/4 in.		12 units	\$27.60 USD	\$35.88 USD
External Coupling	1 1/4 in.		12 units	\$15.20 USD	\$19.76 USD
Tee Fitting	1 1/4 in.		8 units	\$15.20 USD	\$19.76 USD
90 Degree Fitting	1 1/4 in.		4 units	\$6.40 USD	\$8.32 USD
Subtotal:				\$89.20 USD	\$115.96 USD

Exploded Diagram



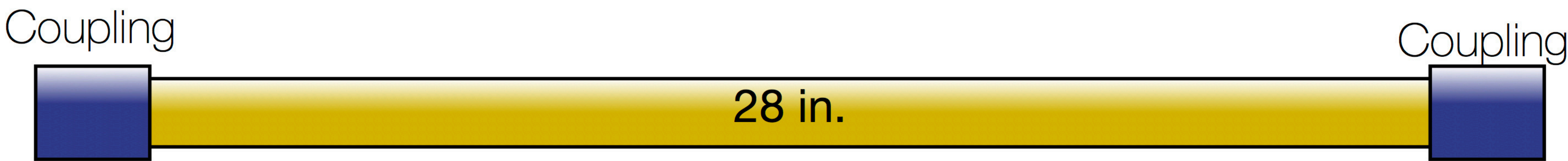
PIPE CUTS

Length	Quantity	
28 in.	6 pieces	28 in.
		28 in.
		28 in.
		28 in.
		28 in.
		28 in.
4 in.	12 pieces	4 in. 4 in. 4 in. 4 in. 4 in. 4 in.
		4 in. 4 in. 4 in. 4 in. 4 in. 4 in.
2 in.	22 pieces	2 in. 2 in. 2 in. 2 in. 2 in. 2 in. 2 in. 2 in. 2 in. 2 in. 2 in.
		2 in. 2 in. 2 in. 2 in. 2 in. 2 in. 2 in. 2 in. 2 in. 2 in. 2 in.

CONSTRUCTION

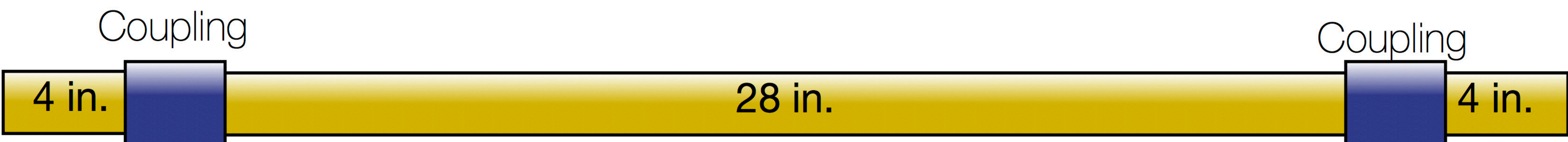
Step-1

Attach the external coupling fittings (12-total) to each piece of 26 in. pipe sections.



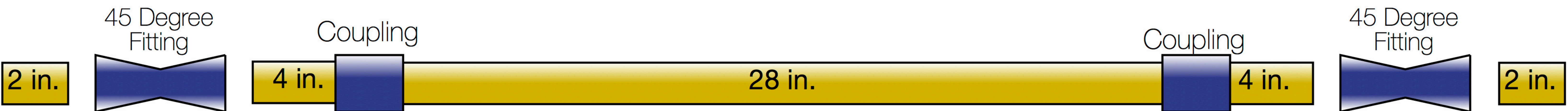
Step-2

Insert 4 in. cuts of pipe (12-total) into open ends of external couplings.



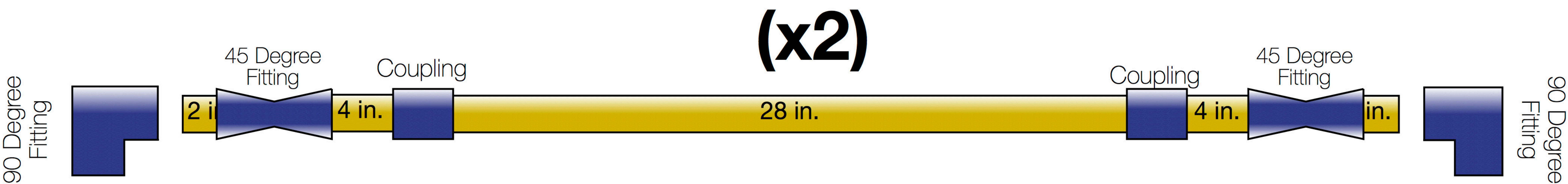
Step-3

Attach 45 degree fittings (12-total) ends of each assembly and insert 2 in. cuts of pipe (12-total) into open ends of 45 degree fittings

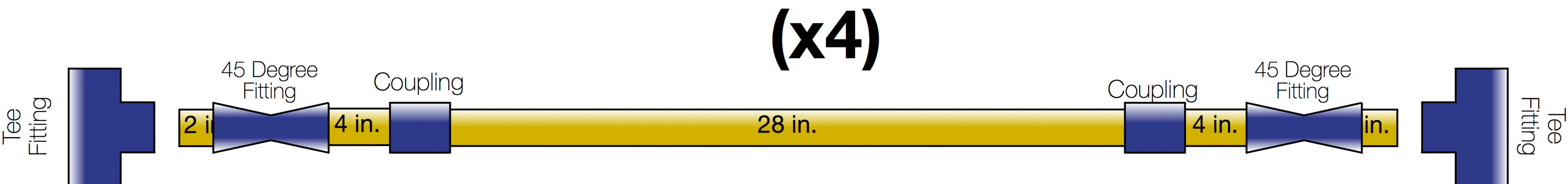


Step-4

Attach 90 degree fittings (4-total) to ends of two assemblies.

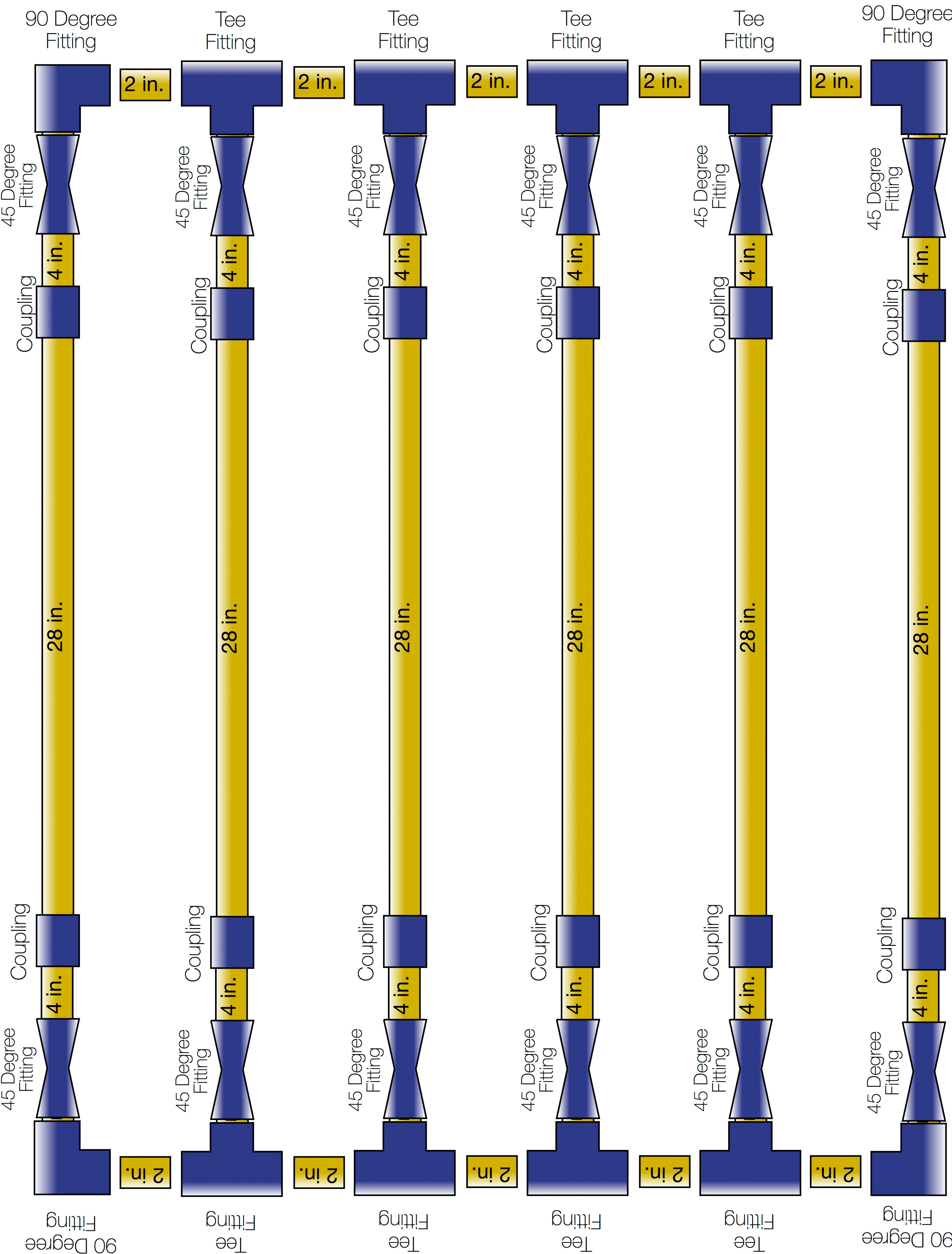


Attach Tee fittings (10-total) to ends of 4 assemblies.

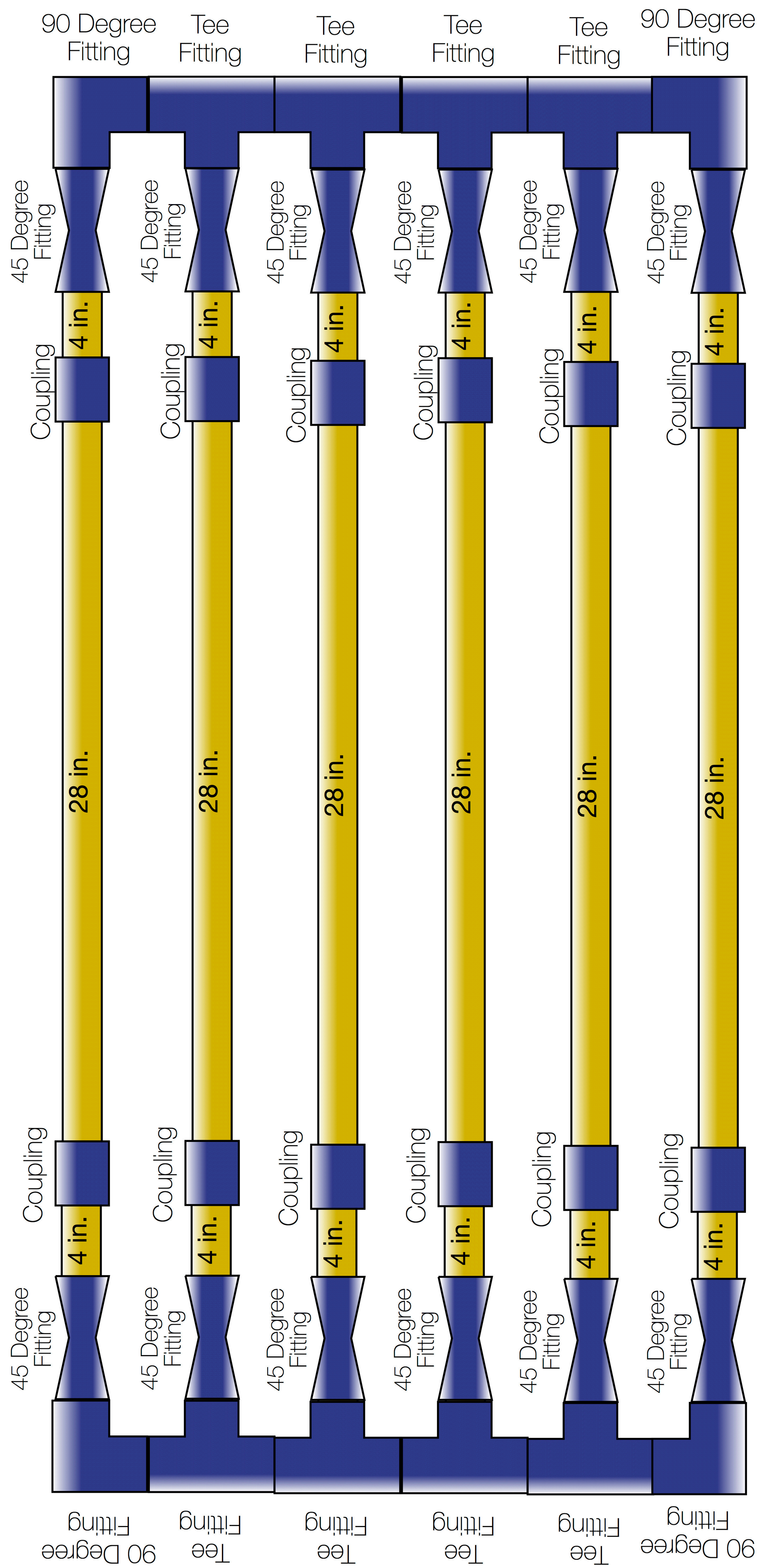


Step-5

Insert remaining 2 in. cuts of pipe (10-total) between assembly joints to connect and construct final product.



COMPLETED DIAGRAM



FORMUFIT color options

PVC Pipe



45 Degree Fitting



External Coupling



Tee Fittings



90 Degree Fittings



Available at WWW.FORMUFIT.COM