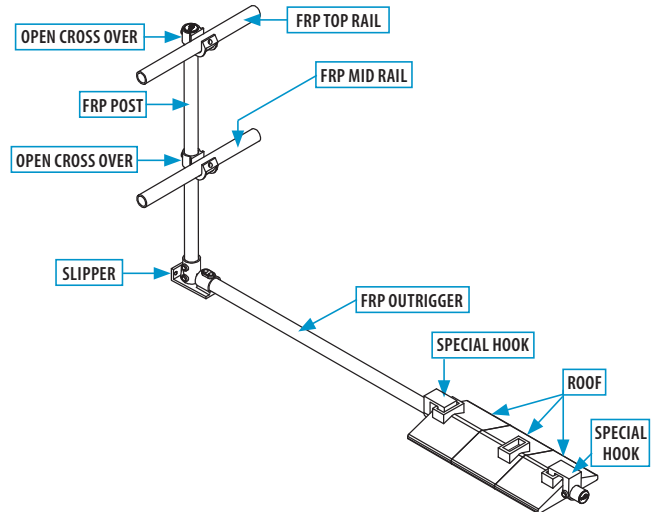


# PRODUCT DATA SHEET

## DYNAROUND RG™ (ROOF GUARD)

Fibergate's ballasted rooftop guardrail system, DynaRound RG™, is designed for safety and fall protection on rooftop applications. Each system is made of durable, weather-resistant fiberglass reinforced plastic (FRP) composite uprights and non-FRP counterbalance weights and connector components. This system meets applicable safety standards in the U.S. and Canada to protect people working at heights.

DynaRound RG provides the utmost in safety by protecting against injuries or death from accidental falls from the roof. This system will help you meet OSHA regulations 1910.29(b) (1) through (b)(7) for unprotected sides and edges. This system also meets Section 4.1.5.14(1)(b) of the 2015 National Building Code of Canada. It offers superior protection around rooftop mechanical equipment that is within 10 feet of a roof edge, enabling your roof to comply with provision 1015.6 of the International Building Code. The counterweight system means there is no drilling into the roof to attach the system. This eliminates any damage to the roof that could result from the drilling, including potential sources of leaks.



## BENEFITS



**Lightweight:** Fibergate FRP products lessen impact on rooftop installations, reduce installation time, can eliminate the need for heavy lifting equipment, and reduce shipping costs.



**Long Service Life:** Fiberglass products provide outstanding durability and corrosion resistance in demanding applications, providing improved product life over traditional materials.



**UV Resistant:** UV Inhibitors in the resin matrix, along with a synthetic surfacing veil, provide optimum protection from the effect of UV weathering. In addition, the FRP rails, posts, and outriggers have an additional UV coating suitable for intense UV exposure.



**Low Install Cost:** Prefabricated FRP components and connectors using set screws for assembly eliminate drilling and almost all field cutting for a rapid, clean installation.



**Corrosion Resistant:** Fibergate® fiberglass products are known for their ability to provide corrosion resistance in the harshest environments.



**Low Maintenance:** The corrosion resistant properties of FRP are easy to clean and reduce or eliminate the need for sandblasting, scraping and painting.

## SPECIFICATIONS

### Safety Ratings

#### OSHA Requirements:

- 1926.501(b)(1)
- 1910.28(b)(1)
- 1926.502(b)
- 1910.29(b)

#### CAL/OSHA Requirements:

- 3210
- 1620
- 3212
- 3209

#### IBC 2015 Requirements:

- 1015.3
- 1015.7
- 1607.8.1.1
- 1015.4.4
- 1607.8.1
- 1607.8.1.2

#### National Building Code of Canada 2015

- 4.1.5.14
- 9.8.8.2

#### OH&S

- R.R.O. 1990, Reg. 851, s. 13 & 14

### Materials of Construction

#### Rails, posts, and outriggers:

- VEFR (Vinyl ester resin system with a flame spread of 25 or less for dependable resistance to both acidic and alkaline environments)

#### Fittings and Counterbalance Weights:

- Galvanized, cast iron connectors with set screws
- Protective, durable rubber pads on parts that contact roof surface

### Size

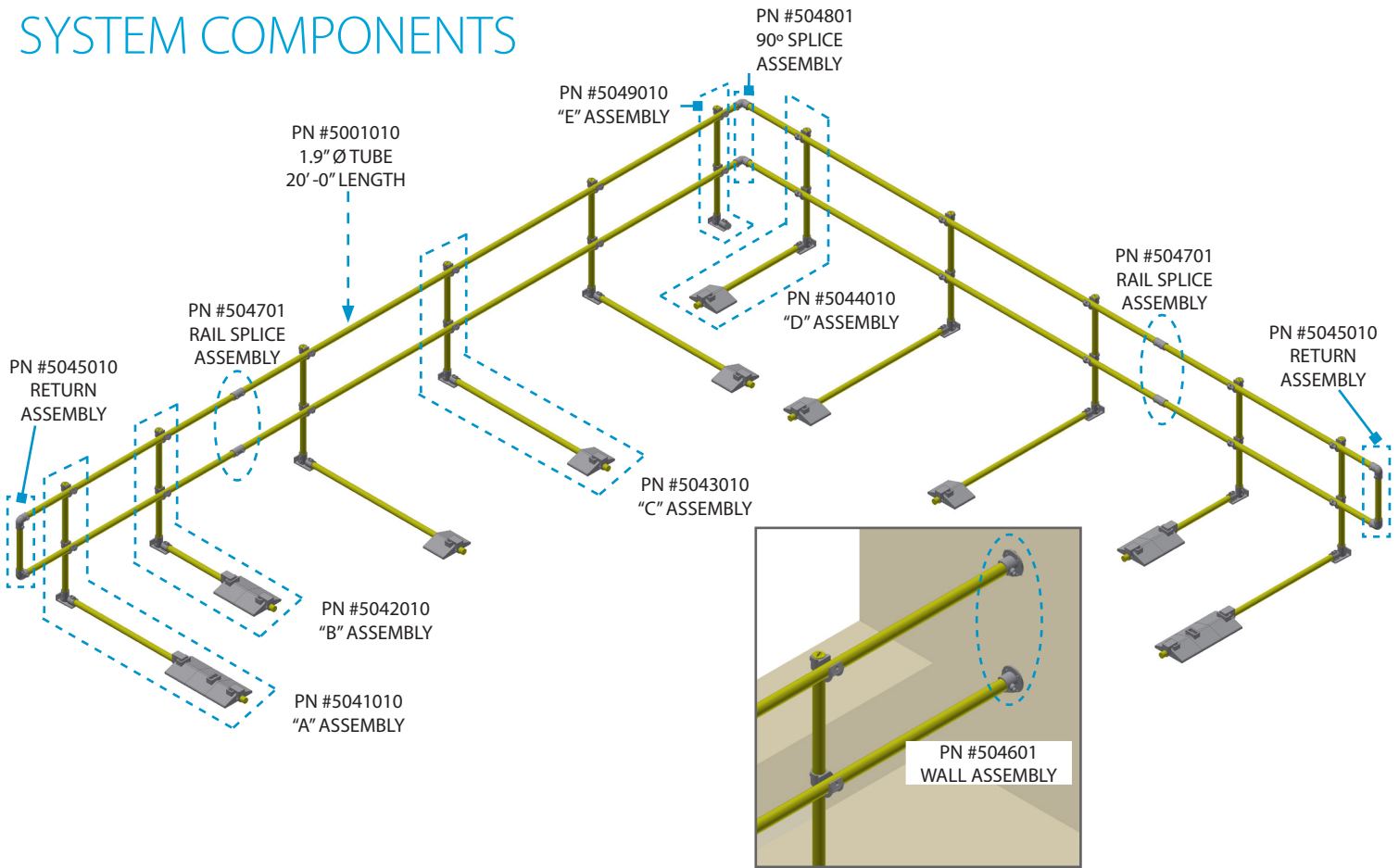
- 1.9" O.D. Pultruded Round Tube

### Colors

Yellow with UV Coating

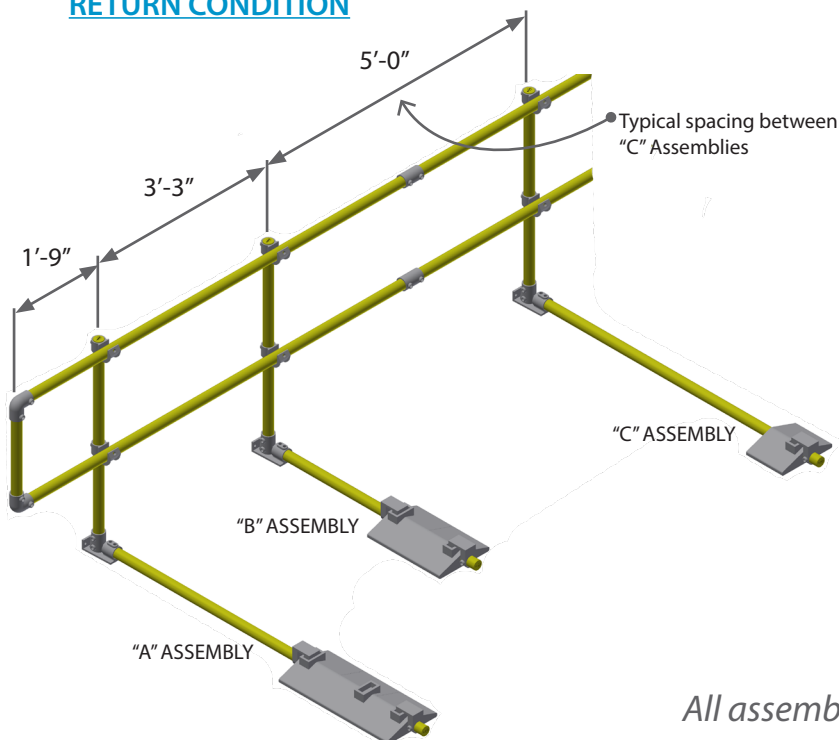
Light Gray with UV Coating

## SYSTEM COMPONENTS

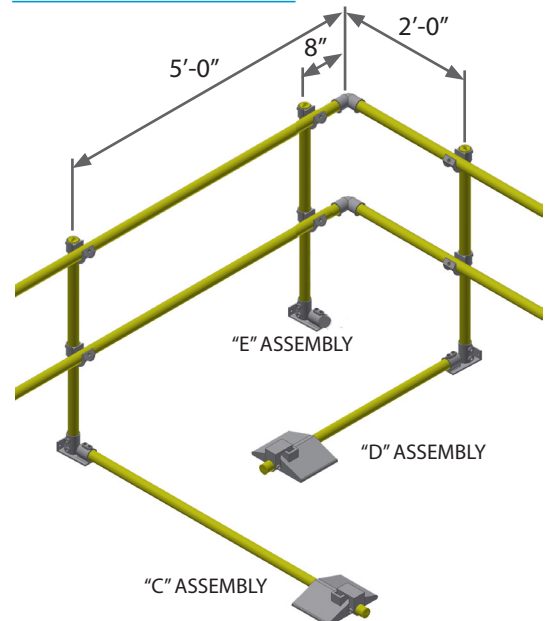


## TYPICAL SPACING FOR ASSEMBLIES

### RETURN CONDITION



### CORNER CONDITION



All assembly details can be found on the next page.

# PRODUCT DATA SHEET

## ASSEMBLY DETAILS

**"A" ASSEMBLY  
ITEM #5041010**  
Weight = 147 lbs

DESCRIPTION	QTY	PN #
Post	1	5040010
Open Cross Over	2	793201
Slipper	1	793206
Roof Weight	3	793208
Special Hook	2	793207
A Outrigger (Length: 73")	1	5041110

**"B" ASSEMBLY  
ITEM #5042010**  
Weight = 105 lbs

DESCRIPTION	QTY	PN #
Post	1	5040010
Open Cross Over	2	793201
Slipper	1	793206
Roof Weight	2	793208
Special Hook	2	793207
B Outrigger (Length: 46-1/2")	1	5042110

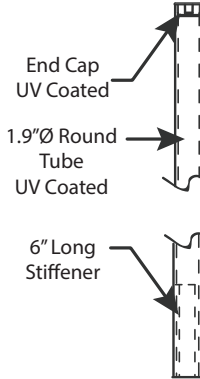
**"C" ASSEMBLY  
ITEM #5043010**  
Weight = 65 lbs

DESCRIPTION	QTY	PN #
Post	1	5040010
Open Cross Over	2	793201
Slipper	1	793206
Roof Weight	1	793208
Special Hook	1	793207
C Outrigger (Length: 66")	1	5043110

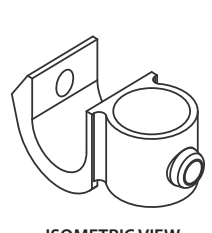
**"D" ASSEMBLY  
ITEM #5044010**  
Weight = 62 lbs

DESCRIPTION	QTY	PN #
Post	1	5040010
Open Cross Over	2	793201
Slipper	1	793206
Roof Weight	1	793208
Special Hook	1	793207
D Outrigger (Length: 43")	1	5044110

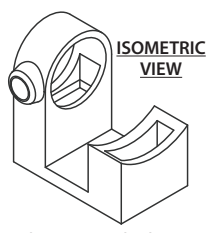
PN #5040010  
POST  
(Length=42-1/8")



PN #793201  
OPEN CROSS OVER



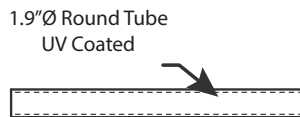
PN #793207  
SPECIAL HOOK\*



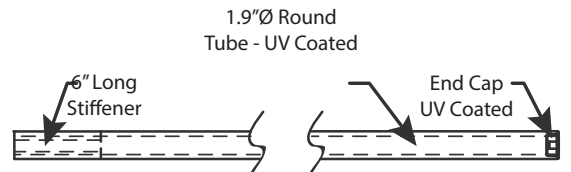
**"E" ASSEMBLY  
ITEM #5049010**  
Weight = 15 lbs

DESCRIPTION	QTY	PN #
Post	1	5040010
Open Cross Over	2	793201
Slipper	1	793206

PN #5045110  
RETURN (Length = 21-1/16")



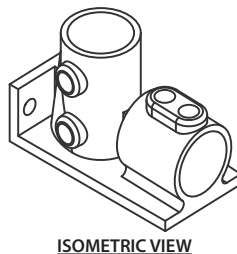
OUTRIGGER -  
SEE EACH ASSEMBLY DETAIL  
FOR PN# LENGTHS



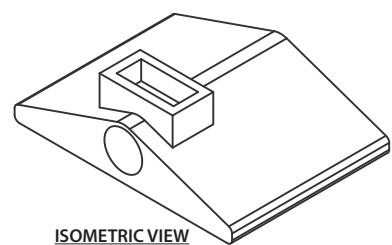
**RETURN ASSEMBLY  
ITEM #5045010**  
Weight = 6 lbs

DESCRIPTION	QTY	PN #
Return (Length: 21-1/16")	1	5045110
Two Way Elbow	2	793125

PN #793206  
SLIPPER



PN #793208  
ROOF WEIGHT



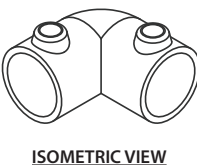
**WALL ASSEMBLY  
ITEM #504601**  
Weight = 4 lbs

DESCRIPTION	QTY	PN #
Base Flange	2	793131

**90° SPLICE ASSEMBLY  
ITEM #504801**  
Weight = 4 lbs

DESCRIPTION	QTY	PN #
Two Way Elbow	2	793125

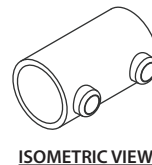
PN #793125  
TWO WAY ELBOW



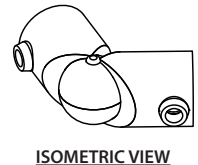
PN #793131  
BASE FLANGE



PN #793149  
SLEEVE JOINT



PN #793126  
SWIVEL ELBOW



**RAIL SPLICE ASSEMBLY  
ITEM #504701**  
Weight = 3 lbs

DESCRIPTION	QTY	PN #
Sleeve Joint	2	793149