



MULTI-GARD® GALVANIZED STEEL RACEWAY

General Description:

Multi-Gard Galvanized Steel is a multiple celled raceway system for bridge applications and other areas requiring heavy duty protection with smooth wall PVC pre-lubed innerducts installed in 10 foot galvanized steel straight sections. A wide range of fixed and flexible bends are manufactured using "cutthrough" resistant innerduct to avoid pull line cutting during cable pulling.

Features:

- PVC innerducts are prelubricated for very low coefficient of friction and lay straight for long pulls.
- Preinstalled reverse spin coupling allows coupling MultiGard together without turning pipe.
- 3 set screws keep coupling from backing off, before and after installation.
- Available in 4cell 1-1/4" or 3cell 1-1/2" nominal I.D.
- Standard sweeps and terminators.
- Patented flexible bend.
- Conforms to NEC 96 Article 30022 for installation of communication cables inside buildings.
- All bends have "cutthrough" resistant innerducts in bends to avoid rope cutting into adjacent occupied innerduct.
- Accessories such as pull line and line blowing kits available.
- Gasketed coupling body and PVC innerducts are designed to handle jetting equipment or line blowing.

Assembly Instructions:

The MultiGard Galvanized Steel System is designed for easy assembly as follows:

1. Remove cap and loosen set screws on coupling. Spin back to allow for insertion.
 2. Insert male into female end and spin coupling forward to bottom out.
 3. Check for alignment of marked innerduct and marked hole.
 4. Tighten set screws.
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10' Sections Galvanized Steel With Spin Coupling

Part No.	Description	Coupling O.D.	Outer-duct Dim.	Innerduct Dim. O.D.	Innerduct Dim. I.D.	Pkg. Qty	Wt. per 100 (lbs.)
MRSS45-010	4-Cell Galv. Steel	5.00	4.50	1.315	1.19	170	1150
MRSS35-010	3-Cell Galv. Steel	5.00	4.50	1.660	1.50	170	1200

Standard Multi-Gard supplied with grey and one white tracer innerduct. Add C for multi-colored innerduct (3-cell white/grey/orange) (4-cell white/grey/orange/green)

Galvanized Steel Multi-Cell Fixed Bends With Spin Coupling

Multi-Gard fixed bends use the same coupling design as straight sections. All bends are provided with engineered plastic. Innerducts to avoid rope cut-through into adjacent innerducts.

Part No.	Description	Pkg. Qty.	Wt. ea.
MR _ HN4S	4-cell 1.19 I.D.	*	*
MR _ HN35	3-cell 1.50 I.D.	*	*

Pos. 1 Product	Pos. 2 Outerduct	Pos. 3 Degree (A)	Pos. 4 Radius (R)	Pos. 5 O.D.	Pos. 6 Cells	Pos. 7 Innerduct
M = Multi-cell	R = Galvanized Steel	3 = 11-1/4 5 = 22-1/2 7 = 45 9 = 90	H = 4ft.	N = 4"	4 = 4-Cell 3 = 3-Cell	S = Smooth



MULTI-GARD® GALVANIZED STEEL RACEWAY

PVC Coated Flexible Steel Bends With Spin Coupling

Multi-Gard Flexible bends use a patented design capable of a 4' minimum bend radius and use the same coupling design as straight sections and fixed bends. All bends are provided with engineered plastic innerducts to avoid rope cut-through into adjacent innerducts.

Part No.	Description	Pkg. Qty.	Wt. ea.
MRF_4	4-Cell Flexible Bend	*	*
MRF_3	4-Cell Flexible Bend	*	*

Pos. 1 Product	Pos. 2 Outerduct	Pos. 3	Pos. 4 Degree and Radius	Pos.5 Cells
M = Multi-Cell	R = Galvanized Steel	F = Flexible	B = 12' (length) 4' x 90°	4 = 4-Cell 3 = 3-Cell

[Pkg. Qty. and Wt. ea.](#)

Accessories

Terminators Galvanized Steel