



7404 / 7406 / 7504 / 7506

CAST DUCTILE IRON FLANGED COUPLING ADAPTER



APPLICATIONS

ROBAR 7404 / 7406 / 7506 Flanged Coupling Adapters are used to flexibly adapt plain end pipe to flanged end.

MATERIAL SPECIFICATIONS

Flanged Body: Cast Ductile Iron, Class "D", C-207, with ANSI 150 lbs. drilling

End Ring: Cast Ductile Iron

Flange: Nitrile (NBR) Rubber

Coupling: Nitrile (NBR) Rubber**

Fasteners: **7404 / 7504** – NC Cast Ductile Iron, or Low Alloy Steel
7406 / 7506 – Stainless Steel fasteners, fully passivated*
Nuts coated with anti-galling compound
Torque is 70-80 ft. lbs

Coating: **7404 / 7406** – Two coats of Enamel
7504 / 7506 – Epoxy coated Body and End Ring

PSI Rating: 175 psi

HOW TO ORDER

Determine the product number (**7404, etc.**), nominal pipe OD, the actual OD (see table below) and then use the appropriate ordering code as shown in the following example.

For a standard FCA required for 6" C900 PVC pipe (6.90" OD), the ordering code is:

Product Number	Nominal OD Size	Actual OD
7404	6"	6.90"

i.e. **7404 - 6 - 6.90** or **7404 - 6 - A1**

NOMINAL PIPE SIZE	WORKING RANGE			END CODE	NUMBER OF FASTENERS	APPROXIMATE SHIPPING WEIGHT	
	LOW	OD	HIGH			LBS.	KG.
4	3.45	3.50	3.60	4T	4 - 5/8 X 7 Redi Rod 4 - 5/8 x 4-1/8 T-Bolt 16 - 5/8" Nuts	19	8.6
	3.75		4.05	F3A			
	4.05	4.35	F3B				
	4.40	4.50	4.60	D3			
	4.74	4.80	5.10	A1			
	5.10	5.30	E5				
6	5.85	6.63	6.15	F3A	4 - 3/4 x 8 Redi Rod 4 - 3/4 x 4-1/4 T-Bolt 16 - 3/4" Nuts	30	13.6
	6.15		6.45	F3B			
	6.50	6.70	D3				
	6.86	6.90	7.10	A1			
	7.15	7.35	E5				
8	7.90	8.63	8.25	F3A	4 - 3/4 x 8 Redi Rod 4 - 3/4 x 4-1/4 T-Bolt 16 - 3/4" Nuts	38	17.2
	8.25		8.55	F3B			
	8.55	8.75	D3				
	8.99	9.05	9.30	A1			
	9.30	9.50	E5				
10	10.60	10.75	10.90	10T	6 - 7/8 x 9-3/8 Cross Bolt 6 - 7/8 x 5-1/8 T-Bolt 18 - 7/8" Nuts	56	25.4
	11.10	11.10	11.40	B2			
	11.55	11.75	A1				
	11.90	12.10	E5				
12	12.60	12.75	12.90	12T	6 - 7/8 x 9-3/8 Cross Bolt 6 - 7/8 x 5-1/8 T-Bolt 18 - 7/8" Nuts	72	32.6
	13.20	13.20	13.50	B2			
	13.80	14.10	A1				
	14.10	14.35	E5				

All dimensions are in inches.

Note: * Refers to chemically treating Stainless Steel after welding ("Pickled/Passivated") to return it to its original appearance.

** Other compounds available. Contact ROBAR for price and delivery.

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