

# ALPHA™ WIDE RANGE RESTRAINT COUPLING

**ROMAC**  
INDUSTRIES, INC.

## MATERIAL SPECIFICATIONS

**CASTINGS:** All cast components (end rings, center ring and bolt guides) are ductile iron, meeting or exceeding the requirements of ASTM A536, grade 65-45-12.

**GRIPPERS:** Ductile (nodular) iron, meeting or exceeding ASTM A536, grade 65-45-12. Machine sharpened and heat treated. Xylan 1424 coated for corrosion protection.

**GASKET:** SBR compounded for water and sewer service in accordance with ASTM D2000. NBR available upon request. NSF/ANSI 61 & 372 Certified.

**DRAW-HOOK FASTENERS:** 304L stainless steel.

**RAMP RUNNERS:** Reinforced nylon.

**BOLTS & NUTS:** 304 stainless steel, 5/8-11 bolts with heavy hex e-coated nuts. Fasteners provided with anti-galling protection.

**COATINGS:** Center ring Romacoat fusion bonded epoxy, NSF 61 certified. End rings are Romabond polyester.

**WORKING PRESSURE:** Up to 350 PSI.

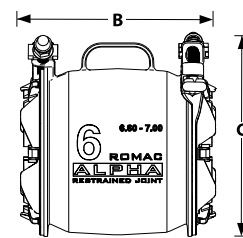
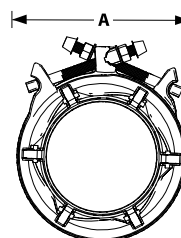
**NSF61/372 CERTIFIED.**



STANDARD ALPHA  
FITS IPS PVC THROUGH  
DUCTILE IRON PIPE OD'S.



**ALPHA™**  
RESTRAINED JOINT



NOM. PIPE SIZE	O.D. RANGE (inches)	CATALOG NUMBER	DIMENSIONS			LIST PRICE	AP- PROX. WEIGHT (lbs)
			A O.D.	B LENGTH	C HEIGHT		
4"	4.50 - 4.90	ALPHA-A - 4.90	8.10	11.80	9.80	\$676.97	40
6"	6.60 - 7.00	ALPHA-A - 7.00	10.40	12.00	12.00	932.40	50
8"	8.60 - 9.10	ALPHA-A - 9.10	13.50	13.20	15.10	1,204.26	75
10"	10.75 - 11.20	ALPHA-A - 11.20	15.60	13.20	17.20	1,528.65	95
12"	12.75 - 13.30	ALPHA-A - 13.30	17.60	13.30	19.20	1,799.72	100

**TO ORDER:** Determine the O.D. of the pipes to be coupled, and select coupling size which covers the pipe diameters of both pipe ends. Specify Alpha Catalog Number [in table above]. Example: To couple 8" DI and 8" IPS PVC Pipe order **ALPHA-A-9.10**



# ALPHA™ XL

## WIDE RANGE RESTRAINT COUPLING

### MATERIAL SPECIFICATIONS

**CASTINGS:** All cast components (end rings, center ring and bolt guides) are ductile iron, meeting or exceeding the requirements of ASTM A536, grade 65-45-12.

**GRIPPERS:** Ductile (nodular) iron, meeting or exceeding ASTM A536, grade 65-45-12. Machine sharpened and heat treated. Xylan 1424 coating for corrosion protection.

**GASKETS:** 4"-12" NBR; 16" SBR. Gaskets compounded for water and sewer service in accordance with ASTM D2000. NSF/ANSI 61 & 372 Certified.

**DRAW-HOOK FASTENERS:** 304L stainless steel.

**RAMP RUNNERS:** Reinforced nylon.

**BOLTS & NUTS:** 304 stainless steel, 5/8-11 bolts with heavy hex e-coated nuts. Fasteners provided with anti-galling protection.

**COATINGS:** Center ring Romacoat fusion bonded epoxy, NSF 61 certified. End rings are Romabond polyester.

**WORKING PRESSURE:** Up to 350 PSI. **NSF61/372 CERTIFIED.**

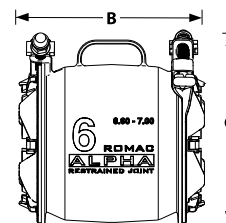
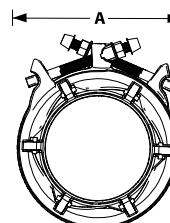


**ALPHA XL**  
FITS DUCTILE IRON THROUGH  
OVERSIZE CAST IRON PIPE OD'S.



# ALPHA XL™

## RESTRAINED JOINT



NOM. PIPE SIZE	O.D. RANGE (inches)	CATALOG NUMBER	DIMENSIONS			LIST PRICE	AP- PROX. WEIGHT (lbs)
			A O.D.	B LENGTH	C HEIGHT		
4"	4.80 - 5.10	ALPHA XL - 5.10	8.10	11.80	9.80	\$704.06	40
6"	6.90 - 7.10	ALPHA XL- 7.10	10.40	12.00	12.00	969.70	50
8"	9.05 - 9.40	ALPHA XL - 9.40	13.50	13.20	15.10	1,252.43	75
10"	11.10 - 11.45	ALPHA XL - 11.45	15.60	13.20	17.20	1,589.79	95
12"	13.20 - 13.60	ALPHA XL - 13.60	17.60	13.30	19.20	1,871.71	100
*16"	17.40 - 17.85	ALPHA XL - 17.85	23.60	15.30	25.50	5,543.95	230

\* 16" is not compatible with HDPE pipe

**TO ORDER:** Determine the O.D. of the pipes to be coupled, and select coupling size which covers the pipe diameters of both pipe ends. Example: To couple 8" Oversize Cast Iron Pipe and 8" C900 PVC pipe, order **ALPHA-XL- 9.40**.

**ALPHA™ TC****WIDE RANGE TRANSITION RESTRAINED COUPLING****ROMAC**  
INDUSTRIES, INC.**MATERIAL SPECIFICATIONS**

**CASTINGS:** All cast components (end rings, center ring and bolt guides) are ductile iron, meeting or exceeding the requirements of ASTM A536, grade 65-45-12.

**GRIPPERS:** Ductile (nodular) iron, meeting or exceeding ASTM A536, grade 65-45-12. Machine sharpened and heat treated. Xylan 1424 coating for corrosion protection.

**GASKETS:** 4"-12" NBR. Gaskets compounded for water and sewer service in accordance with ASTM D2000. NSF/ANSI 61 & 372 Certified.

**DRAW-HOOK FASTENERS:** 304L stainless steel.

**RAMP RUNNERS:** Reinforced nylon.

**BOLTS & NUTS:** 304 stainless steel, 5/8-11 bolts with heavy hex e-coated nuts. Fasteners provided with anti-galling protection. 316 stainless steel available by request.

**COATINGS:** Center ring Romacoat fusion bonded epoxy, NSF 61 certified. End rings are Romabond polyester.

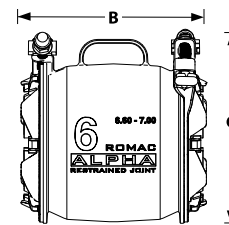
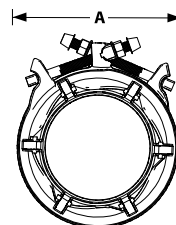
**WORKING PRESSURE:** Up to 350 PSI. **NSF61/372 CERTIFIED.**



**ALPHA TC**  
FITS IPS THROUGH OVERSIZE  
CAST IRON PIPE OD'S.



**ALPHA TC**  
RESTRAINED JOINT



NOM. PIPE SIZE	O.D. RANGE (inches)	CATALOG NUMBER	DIMENSIONS			LIST PRICE	AP- PROX. WEIGHT (lbs)
			A O.D.	B LENGTH	C HEIGHT		
4"	4.80-5.10 x 4.50-4.90	ALPHA TC - 5.10 x 4.90	8.10	11.80	9.80	\$697.30	40
6"	6.90-7.10 x 6.60-7.00	ALPHA TC- 7.10 x 7.00	10.40	12.00	12.00	960.37	50
8"	9.05-9.40 x 8.60-9.10	ALPHA TC - 9.40 x 9.10	13.50	13.20	15.10	1,240.39	75
10"	11.10-11.45 x 10.75-11.20	ALPHA TC - 11.45 x 11.20	15.60	13.20	17.20	1,574.51	95
12"	13.20-13.60 x 12.75-13.30	ALPHA TC - 13.60 x 13.30	17.60	13.30	19.20	1,853.71	100

**TO ORDER:** Determine the O.D. of the pipes to be coupled, and select coupling size which covers the pipe diameters of both pipe ends. Example: To couple 8" Oversize Cast Iron Pipe and 8" C900 PVC pipe, order **ALPHA TC - 9.40 x 9.10**.