

# 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:** Compounded for water and sewer service per ASTM D2000, SBR classified by UL to meet NSF61. NSF61 Certified NBR or EPDM available upon request.

**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.

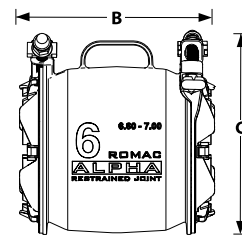
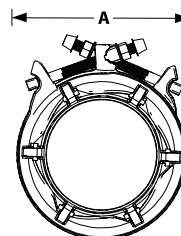
**NSF61/372 CERTIFIED.**



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



**ALPHA™**  
RESTRAINED JOINT



| NOM.<br>PIPE SIZE | O.D. RANGE<br>(inches) | CATALOG NUMBER  | DIMENSIONS |             |             | LIST PRICE | AP-<br>PROX.<br>WEIGHT<br>(lbs) |
|-------------------|------------------------|-----------------|------------|-------------|-------------|------------|---------------------------------|
|                   |                        |                 | A<br>O.D.  | B<br>LENGTH | C<br>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.**

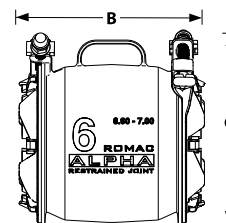
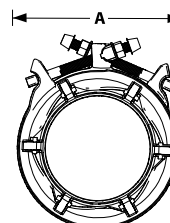


**ALPHA XL**  
FITS DUCTILE IRON THROUGH  
OVERSIZE CAST IRON PIPE OD'S.



# ALPHA XL™

## RESTRAINED JOINT



| NOM.<br>PIPE SIZE | O.D. RANGE<br>(inches) | CATALOG NUMBER   | DIMENSIONS |             |             | LIST PRICE | AP-<br>PROX.<br>WEIGHT<br>(lbs) |
|-------------------|------------------------|------------------|------------|-------------|-------------|------------|---------------------------------|
|                   |                        |                  | A<br>O.D.  | B<br>LENGTH | C<br>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.

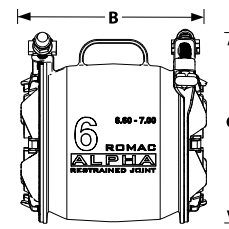
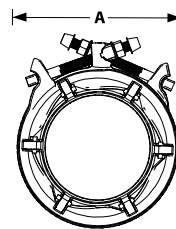
**WORKING PRESSURE:** Up to 350 PSI. **NSF61/372 CERTIFIED.**



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



**ALPHA TC**  
RESTRAINED JOINT



| NOM.<br>PIPE<br>SIZE | O.D. RANGE<br>(inches)    | CATALOG NUMBER           | DIMENSIONS |             |             | LIST<br>PRICE | AP-<br>PROX.<br>WEIGHT<br>(lbs) |
|----------------------|---------------------------|--------------------------|------------|-------------|-------------|---------------|---------------------------------|
|                      |                           |                          | A<br>O.D.  | B<br>LENGTH | C<br>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**.