

# Infinity<sup>®</sup>

HDPE Wall Sleeves



**ADVANCE PRODUCTS & SYSTEMS**

ISO-9001 CERTIFIED COMPANY - FM537405



## INFINITY® WALL SLEEVES

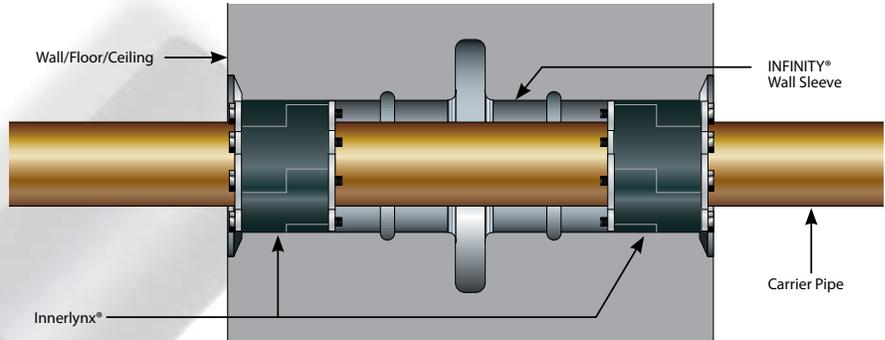
*In the absence of wall sleeves, mechanical/utility piping vibration can cause costly wall damage. Protect your investment and use APS INFINITY® wall sleeves to provide a better seal than a core drilled hole.*

### INFINITY® HDPE WALL SLEEVES: AN INFINITE HYDROSTATIC SEAL

INFINITY® Wall Sleeves are designed for concrete poured barriers to construct a circular penetration through walls, floors and ceilings. Rotational molded from HDPE material, INFINITY® Wall Sleeves are very light weight for easy installation. The INFINITY® Wall Sleeve is available in 16 sizes ranging from 2" – 25" in diameter and can accommodate wall thicknesses up to 16". The INFINITY® Wall Sleeve combined with APS' Innerlynx® modular mechanical seals can withstand pressures up to 40 psig or 96.28 feet of head pressure. All INFINITY® Wall Sleeves come with two locator caps used to position and attach them to the cement form. The best way to guarantee a perfect seal is to use INFINITY® Wall Sleeves in conjunction with Innerlynx® modular mechanical seals. They're engineered and sized to provide a stable hole that matches dimensionally with Innerlynx® modular mechanical seals. This makes ordering quick and easy, and guarantees a perfect fit, every time.

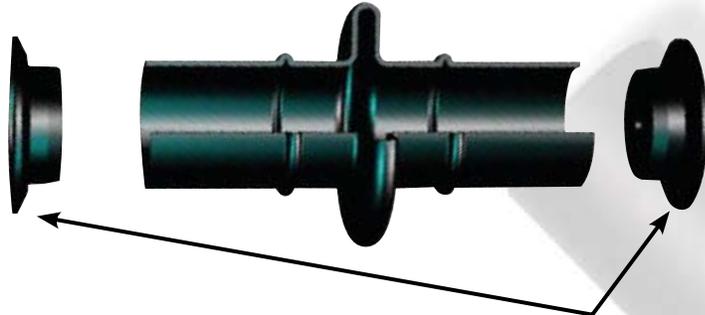
### WEIGHTS & DIMENSIONS

Model	I.D. (in.)	lbs.
IS-2	1.98	0.70
IS-3	2.94	1.30
IS-3.5	3.38	1.50
IS-4	4.03	2.00
IS-5	5.14	2.80
IS-6	6.14	3.60
IS-8	8.21	4.80
IS-10	10.19	6.40
IS-12	12.26	7.20
IS-14	14.14	11.20
IS-16	16.18	12.00
IS-18	17.45	15.50
IS-20	19.12	17.50
IS-22	20.32	21.00
IS-24	22.76	22.00
IS-25	24.81	23.00



### FEATURES AND BENEFITS

16 sizes (2" – 25" in diameter)	Each sleeve comes in lengths of 16" from the factory but can be cut to the desired length in accordance with the thickness of the concrete barrier.
Made of HDPE	High density polyethylene provides excellent resistance to acids, alkalis and other organic solvents. Ideal for cathodic protection systems, these nonconductive sleeves will never rust or corrode. INFINITY® Wall Sleeves can withstand temperatures up to 150° F.
Lighter than steel	INFINITY® Wall Sleeves are light enough for one worker to install without a hoist or helper, reducing installation time and keeping labor cost down. INFINITY® wall sleeves are easy to stock and much cheaper to ship than steel wall sleeves.
Positive hydrostatic seal	Innerlynx® modular mechanical seals are rated at 40 psig (92.28 feet of head pressure), which is double all other mechanical seal ratings.
Resist water migration	INFINITY® Wall Sleeves are manufactured with 2" water stops to prevent water seepage around the outside of the penetration. The water stops also act as a thrust barrier so the sleeve can not be pulled out.
Adjust to wall thickness	INFINITY® Wall Sleeves' unique hollow water stop collar acts like an expansion joint, adjusting up to ½" to the thickness of the wall. The compression force pushes against the forms like a spring, creating tension to maintain proper sleeve location.
Locator caps	Specially designed locator caps provide an ideal method for attaching the INFINITY® Wall Sleeves to the concrete forms. The locator caps assure that the sleeve holds its circular configuration during the pour and keeps wet concrete from entering the sleeve.



INFINITY® Locator Caps



## INSTALLATION



1. Using a tape measure, pull measurements from the horizontal and vertical positions to locate the center of the INFINITY® sleeve.



2. Screw or nail one of the locator caps at the center line.



3. Cut the INFINITY® sleeve ¼" longer than the wall thickness. Insert the INFINITY® sleeve over the locator cap.



4. Insert the second locator cap.



5. Attach the INFINITY® sleeve to the rebar using wire.



6. After concrete is cured, pry off the locator caps with a pry bar.

## ALTERNATE INSTALLATION UTILIZING THREADED ROD



1. Extend (threaded rod\*) through form and first locator cap and (threaded nut\*) on the back side of form.



2. Attach INFINITY® wall sleeve to locator cap.



3. Slide second locator cap through (threaded rod\*), use fender washer and fasten nut until locator caps and sleeve is locked in place. Check to make sure sleeve is square to form.

\*Not provided by APS

## TO ORDER PLEASE SPECIFY THE FOLLOWING:

1. Determine OD of carrier pipe
2. Match OD with recommended INFINITY® Sleeve in chart.
3. Determine thickness of wall.  
(16" or less for Infinity Sleeve)
4. Specify Innerlynx® quantity and model.

## OTHER PRODUCTS AVAILABLE

- Flange Isolation Gasket Kits
- Radolid® Nut & Bolt Protector Caps
- U-Bolt Cote®
- Casing Spacers and End Seals
- Innerlynx® Modular Mechanical Seals
- Wall Sleeves
- Foreman Nite Caps, temporary pipe plugs

BSI Management  
Systems America, Inc.

ISO 9001:2000  
REGISTERED  
COMPANY

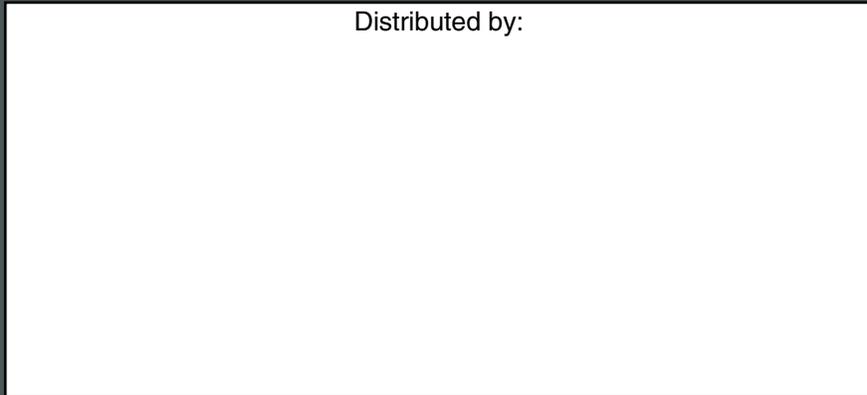
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