

Agricultural Product Catalog



THE MOST **ADVANCED** NAME IN WATER MANAGEMENT SOLUTIONS™



ADS AGRICULTURE PRODUCTS WILL HELP YOU...

Get in the field earlier
during planting season.



Increase crop yield
and revenue.



Prevent disaster and
heavy soil erosion.



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Over 50 years ago, ADS began manufacturing single wall pipe to replace traditional pipe materials in the agriculture market. ADS single wall pipe, made from high-density polyethylene (HDPE), allows farmers to get in the field earlier to plant, creates a longer growing season, and extends the harvest season. More than a billion feet of ADS pipe has been installed in American farmlands for field drainage, soil moisture control, and stock ponds.

Farmers choose polyethylene for its ruggedness in various temperatures, easy installation, low cost, and long service life. Since the late 1960s, ADS has continued to expand its product line to serve the agriculture market. The unmatched product selection includes:

- 3"-24" (75-600 mm) single wall pipe and fittings
- 4"-60" (100-1500 mm) dual wall pipe and fittings
- 12"-60" (300-1500 mm) high-performance polypropylene pipe
- Grain-Aire® mold-resistant pipe for grain aeration
- Nyloplast® Drainage Structures
- Foundation Drainage Products
- Water Control Structures
- HP Lift Stations & Pumps
- Animal Guards
- Riser Intakes
- Geotextiles
- Flared End Sections

In addition, ADS can help those in the agriculture market with a number of drainage system tools:


- Water Flow Calculators
- Land Purchase Analysis™
- G.R.O.W. Analysis™
- Irri-Drain® Systems

As time moves on and we continue to evolve our products to meet your needs, we are also making our information easier to access. Besides the ADS website, www.ads-pipe.com, where information on our agricultural products and services can be found, ADS now has an ag drainage resource app for your smart phone where all of the information can be found easily at any time.


ADVANCED DRAINAGE SYSTEMS

AGRICULTURAL DRAINAGE RESOURCE APP


Drainage Calculations Made Easy!




Calculate
Pipe Diameter
Needed to
Drain Field





Calculate the
Cash Return
on Drainage
Investment



Lift Station
Configurations










TABLE OF CONTENTS

PIPE INFORMATION CHARTS	5
SINGLE WALL PIPE	6-7
DUAL WALL PIPE	8-9
IRRI-DRAIN WATER TABLE MANAGEMENT SYSTEM. .	10-11
GRAIN-AIRE PIPE	12
HP STORM PIPE	13
POTATO AERATION PIPE	13
FITTINGS	
Single Wall	14-17
Dual Wall	18-24
INSERTA TEE®	25
WATER CONTROL STRUCTURES	26
HICKENBOTTOM® RISERS	26
PRECISION INTAKES	27
QUICK DRAIN RISERS	27
BAR GUARDS	27
ANIMAL GUARDS	28
FLAP GATES	28
LAYOUT FLAGS	28
BLACK TAPE	28
FLARED END SECTIONS	29
FOUNDATION DRAINAGE PRODUCTS	29
LIFT STATIONS & PUMPS	30-31
GEOTEXTILES	32-34
NATIONAL SPECIFICATIONS	35



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PIPE INFORMATION TABLES

Coil Footage Per Wrap Single Wall Pipe*

Pipe Diameter - Roll Footage	1 st Wrap	2 nd Wrap	3 rd Wrap	4 th Wrap	5 th Wrap	6 th Wrap	7 th Wrap	8 th Wrap	9 th Wrap	10 th Wrap	11 th Wrap	12 th Wrap	13 th Wrap	Total Footage
3" - 5,000'	169	210	250	300	340	385	425	470	511	550	590	630	670	5,500
wraps total		379	629	929	1,269	1,654	2,079	2,549	3,060	3,610	4,200	4,830	5,500	
4" - 3,200'	131	147	222	236	297	334	393	434	473	533				3,200
wraps total		278	500	736	1,033	1,267	1,760	2,194	2,667	3,200				
5" - 2,000'	125	155	200	228	274	304	342	372						2,000
wraps total		280	480	708	982	1,286	1,628	2,000						
6" - 1,500'	88	121	183	218	245	285	360							1,500
wraps total		209	392	610	855	1,140	1,500							
8" - 820'	78	118	174	206	244									820
wraps total		196	370	576	820									
10" - 520'	77	101	144	198										520
wraps total		178	322	520										
12" - 330'	60	115	155											330
wraps total		175	330											

Dark green cells represent the inside ties.

* These numbers are estimates. Stretching and compression may happen during installation, which may change these numbers.

Drainage Pipe Requirements Per Acre Exclusive of Collection Lines*

Spacing (between pipe)	Pipe Per Acre (estimated)
20' (6.1 m)	2,200' (671 m)
30' (9.1 m)	1,450' (442 m)
40' (12.2 m)	1,100' (335 m)
50' (15.2 m)	900' (274 m)
60' (18.3 m)	725' (221 m)
70' (21.3 m)	638' (194 m)
80' (24.4 m)	550' (168 m)
90' (27.4 m)	500' (152 m)
100' (30.5 m)	450' (137 m)
150' (45.7 m)	338' (103 m)
200' (61.0 m)	225' (69 m)
250' (76.2 m)	188' (57 m)
300' (91.4 m)	150' (46 m)

* Table refers to single wall pipe, which is shown in more detail on pages 6-7.

Dual Wall Pipe Truck Load Chart** Maximum Linear Foot Per Load

Pipe Diameter	10' (3.0 m) Pipe Length	20' (6.1 m) Pipe Length
12" (300 mm)	2,580' (786 m)	2,400' (731 m)
15" (375 mm)	1,700' (518 m)	1,600' (487 m)
18" (450 mm)	1,200' (366 m)	1,120' (341 m)
24" (600 mm)	630' (192 m)	600' (182 m)
30" (750 mm)	360' (110 m)	360' (110 m)
36" (900 mm)	240' (73 m)	240' (73 m)
42" (1050 mm)	200' (61 m)	200' (61 m)
48" (1200 mm)	120' (36 m)	120' (36 m)
60" (1500 mm)	80' (24 m)	80' (24 m)

** Table refers to N-12 dual wall pipe, which is shown in more detail on pages 8-9.

SINGLE WALL PIPE

3"-6" SINGLE WALL PIPE

INSIDE DIAMETER	STANDARD LENGTHS	PRODUCT CODE
3" (75 mm)	100' (30.5 m) Solid	03800100
	250' (76.2 m) Solid	03800250
	100' (30.5 m) Perf	03810100
	250' (76.2 m) Perf	03810250
	5,500' (1676.4 m) Perf	03815500
	100' (30.5 m) Perf/Wrap	03830100BS
	250' (76.2 m) Perf/Wrap	03830250BS
4" (100 mm)	100' (30.5 m) Solid	04800100
	250' (76.2 m) Solid	04800250
	3,200' (975.4 m) Solid	04803200
	100' (30.5 m) Perf	04810100
	250' (76.2 m) Perf	04810250
	3,200' (975.4 m) Perf	04813200
	100' (30.5 m) Perf/Wrap	04830100BS
	250' (76.2 m) Perf/Wrap	04830250BS
5" (125 mm)	180' (54.9 m) Solid	05800180
	180' (54.9 m) Perf	05810180
	180' (54.9 m) Perf/Wrap	05830180BS
	2,000' (609.6 m) Perf	05812000
	2,000' (609.6 m) Perf/Wrap	05832000BS
6" (150 mm)	20' (6.1 m) Solid	06800020
	100' (30.5 m) Solid	06800100
	1,500' (457.2 m) Solid	06801500
	20' (6.1 m) Perf	06810020
	100' (30.5 m) Perf	06810100
	1,500' (457.2 m) Perf	06811500
	100' (30.5 m) Perf/Wrap	06830100BS
	1,500' (457.2 m) Perf/Wrap	06831500BS

8"-24" SINGLE WALL PIPE

INSIDE DIAMETER	STANDARD LENGTHS	PRODUCT CODE
8" (200 mm)	20' (6.1 m) Solid	08800020
	820' (249.9 m) Solid	08800820
	20' (6.1 m) Perf	08810020
	820' (249.9 m) Perf	08810820
	20' (6.1 m) Perf/Wrap	08830020
	820' (249.9 m) Perf/Wrap	08830820
	10" (250 mm)	20' (6.1 m) Solid
490' (149.4 m) Solid		10800520
20' (6.1 m) Perf		10810020
520' (158.5 m) Perf		10810520
20' (6.1 m) Perf/Wrap		10830020
520' (158.5 m) Perf/Wrap		10830520
12" (300 mm)	20' (6.1 m) Solid	12510020
	330' (100.5 m) Solid	12510330
	20' (6.1 m) Perf	12010020
	330' (100.5 m) Perf	12010330
	330' (100.5 m) Perf/Wrap	12730330
15" (375 mm)	20' (6.1 m) Solid	15510020
	165' (50.3 m) Solid	15510165
	20' (6.1 m) Perf	15010020
	165' (50.3 m) Perf	15010165
18" (450 mm)	20' (6.1 m) Solid	18510020
	20' (6.1 m) Perf	18010020
24" (600 mm)	20' (6.1 m) Solid	24510020
	20' (6.1 m) Perf	24010020



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SINGLE WALL PIPE

3"-12" FINE SLOT SINGLE WALL PIPE

INSIDE DIAMETER	STANDARD LENGTHS	PRODUCT CODE
3" (75 mm)	100' (30.5 m) Fine Slot	03090100
	300' (91.4 m) Fine Slot	03090300
	5,500' (1676 m) Fine Slot	03095500
4" (100 mm)	100' (30.5 m) Fine Slot	04090100
	3200' (975.4 m) Fine Slot	04093200
5" (125 mm)	165' (50.2 m) Fine Slot	05090165
	2,000' (609.6 m) Fine Slot	0509200
6" (150 mm)	100' (30.5 m) Fine Slot	06090100
	825' (251.5 m) Fine Slot	06090825
	1,500' (457.2 m) Fine Slot	06091500
8" (200 mm)	400' (121.9 m) Fine Slot	08090400
	820' (250.0 m) Fine Slot	08090820
10" (250 mm)	520' (158.5 m) Fine Slot	10090520
12" (300 mm)	330' (100.6 m) Fine Slot	12090330

4" - 12" AASHTO HIGHWAY SINGLE WALL

INSIDE DIAMETER	STANDARD LENGTHS	PRODUCT CODE
4" (100 mm)	250' (76.2 m) Solid	04400250
	250' (76.2 m) Perf	04410250
	250' (76.2 m) Perf/Wrap	04430250
	3,200' (975.4 m) Perf/Wrap	04433200
6" (150 mm)	100' (30.5 m) Solid	06400100
	1,500' (457.2 m) Solid	06401500
	100' (30.5 m) Perf	0641011
	1,500' (457.2 m) Perf	06411400
	100' (30.5 m) Perf/Wrap	06430100
8" (200 mm)	1,500' (457.2 m) Perf/Wrap	06431500
	20' (6.1 m) Solid	08400020
	20' (6.1 m) Perf	08410020
	20' (6.1 m) Perf/Wrap	08430020
10" (250 mm)	20' (6.1 m) Solid	10400020
	20' (6.1 m) Perf	10410020
	20' (6.1 m) Perf/Wrap	10430020
12" (300 mm)	20' (6.1 m) Solid	12400020
	20' (6.1 m) Perf	12410020
	20' (6.1 m) Perf/Wrap	12430020

CHANNEL MUCK SINGLE WALL

INSIDE DIAMETER	STANDARD LENGTHS	PRODUCT CODE
4" (100mm)	100' (30.5 m) 3-hole Perf	04060100
	250' (76.2 m) 3-hole Perf	04060250
	3,200' (975 m) 3-hole Perf	04063200
	3,200' (975 m) 3-hole Perf/Sock	04773200BS
6" (150mm)	100' (30.5 m) 3-hole Perf	06060100
	1,500' (457 m) 3-hole Perf	06061500
8" (200mm)	820' (250 m) 3-hole Perf/Sock	087708200S



N-12® DUAL WALL PIPE (PER ASTM F2648)

4" - 10" DUAL WALL

DIAMETER	LENGTHS	STYLE	N-12 PLAIN END	N-12 ST*	N-12 WT*
4" (100 mm)	10' (3 m)	solid	04150010DW	04150010IBDW	04650010IBDW
		perf	04110010DW	04110010IBDW	
	20' (6.1 m)	solid	04150020DW	04150020IBDW	04650020IBDW
		perf	04110020DW	04110020IBDW	
		sock	04230020DW	04230020IBDW	
	6" (150 mm)	10' (3 m)	solid	06150010DW	06150010IBDW
perf			06110010DW	06110010IBDW	
20' (6.1 m)		solid	06150020DW	06150020IBDW	06650020IBDW
		perf	06110020DW	06110020IBDW	
		sock	06230020DW	06230020IBDW	
8" (200 mm)		10' (3 m)	solid	08150010DW	08150010IBDW
	perf		08110010DW	08110010IBDW	
	20' (6.1 m)	solid	08150020DW	08150020IBDW	08650020IBDW
		perf	08110020DW	08110020IBDW	
		sock	08230020DW	08230020IBDW	
	10" (250 mm)	10' (3 m)	solid	10150010DW	10150010IBDW
perf			10110010DW	10110010IBDW	
20' (6.1 m)		solid	10150020DW	10150020IBDW	10650020IBDW
		perf	10110020DW	10110020IBDW	
		sock	10230020DW	10230020IBDW	

*LIMITED GEOGRAPHIC AVAILABILITY



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N-12 DUAL WALL PIPE (PER ASTM F2648)

12" - 60" DUAL WALL PER ASTM F2648

DIAMETER	LENGTHS	STYLE	N-12 PLAIN END	N-12 ST IB	N-12 WT IB
12" (300 mm)	10' (3 m)	solid		12850010DW	
		solid	12950020DW	12850020DW	12650020DW
	20' (6.1 m)	perf	12910020DW	12810020DW	
		sock	12930020DW	12830020DW	
15" (375 mm)	10' (3 m)	solid		15850010DW	
		solid	15950020DW	15850020DW	15650020DW
	20' (6.1 m)	perf	15910020DW	15810020DW	
		sock	15930020DW	15830020DW	
18" (450 mm)	10' (3 m)	solid		18850010DW	
		solid	18950020DW	18850020DW	18650020DW
	20' (6.1 m)	perf	18910020DW	18810020DW	
		sock	18930020DW	18830020DW	
24" (600 mm)	10' (3 m)	solid		24850010DW	
		solid	24950020DW	24850020DW	24650020DW
	20' (6.1 m)	perf	24910020DW	24810020DW	
		sock	24930020DW	24830020DW	
30" (750 mm)	20' (6.1 m)	solid	30950020DW	30850020DW	30650020DW
		perf	30910020DW	30810020DW	
		sock	30930020DW	30830020DW	
36" (900 mm)	20' (6.1 m)	solid	36950020DW	36850020DW	36650020DW
		perf	36910020DW	36810020DW	
		sock		36830020DW	
42" (1050 mm)	20' (6.1 m)	solid	42950020DW	42850020DW	42650020DW
		perf	42910020DW	42810020DW	
		sock		42830020DW	
48" (1200 mm)	20' (6.1 m)	solid	48950020DW	48850020DW	48650020DW
		perf	48910020DW	48810020DW	
		sock		48830020DW	
60" (1500 mm)	20' (6.1 m)	solid	60950020DW	60850020DW	60650020DW
		perf	60910020DW	60810020DW	
		sock		60830020DW	

THE IRRI-DRAIN WATER TABLE MANAGEMENT SYSTEM

The Irri-Drain System lets you manage water with its proven capability both to irrigate and drain a field using the same pipe and installation. It also acts as a nutrient control system, allowing you to keep fertilizer in your fields longer for better absorption.

By managing your water level with Irri-Drain, you take control of the production variables—planting date, fertilizer uptake and plant development... herbicide and insecticide effectiveness, soil compaction, standability/lodging, harvest moisture, and, most importantly, YIELD.

Irrigation AND Drainage — at Your Control

By installing the Irri-Drain System, you gain better, and immediate, control of moisture in your fields. You simply irrigate when fields are dry and drain when they are wet. Irri-Drain lets you neutralize poor weather conditions to give you adequate planting time, increased crop yields and more crop options.

In the irrigation process, water can be pumped back from the source, through the feeder pipe, into the perforated pipe system—to where the roots absorb moisture as needed. This PUMP-BACK system raises the water table so that you can maintain the optimum soil moisture level for your crops, encouraging maximum root development.

Whenever drainage is required, such as during and right after extended rain, the pump is shut down, and the drainage outlet is opened.

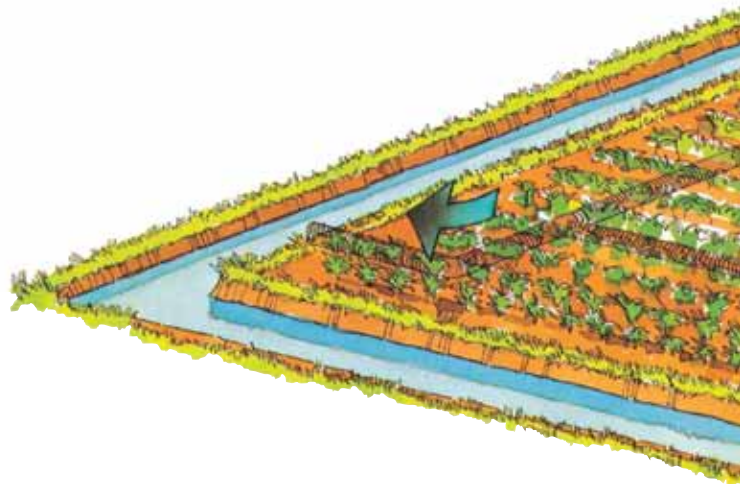
With an Irri-Drain System, you control the timing of both irrigation and drainage, to maximize yields and profits.

A Solution for Any Field

The Irri-Drain System also works effectively on sloping lands. Head-control stands with overflow baffles are used to distribute the flow in stair-step fashion down the slope. Pressures of no more than 5 psi are sufficient to operate the Irri-Drain system.



Irri-Drain head-control stand at the edge of a corn field



The Irri-Drain System is the ideal solution for drainage water management:

SAVES MONEY

By using one pipe system for two operations, the cost can be comparable to that of a pivot system.

SAVES ENERGY

Using gravity flow and low pumping pressure, an acre-inch of water can be built into the sub-soil with minimal energy usage.

ELIMINATES THE EVAPORATION

Evaporation associated with overhead sprinklers is eliminated.

INCREASES FIELD COVERAGE

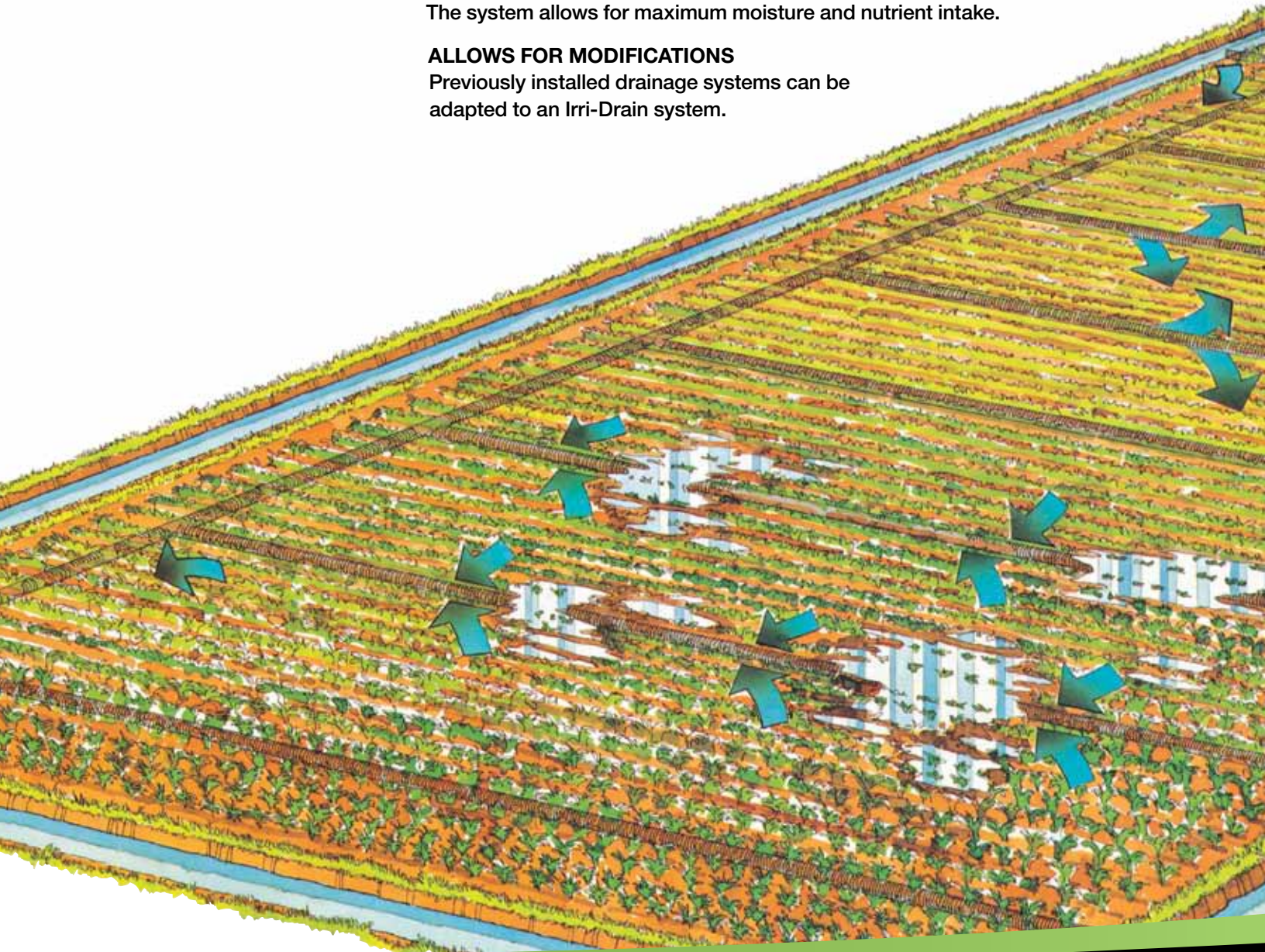
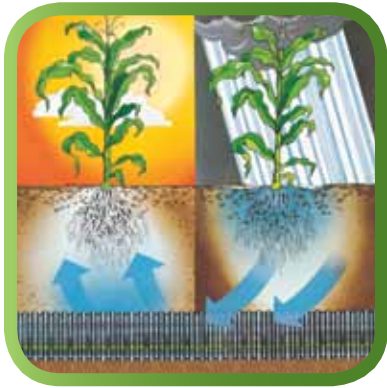
Irri-Drain can cover a field of any size and shape and includes the corners not reached by overhead pivot systems.

ENCOURAGES DEEP ROOTING

The system allows for maximum moisture and nutrient intake.

ALLOWS FOR MODIFICATIONS

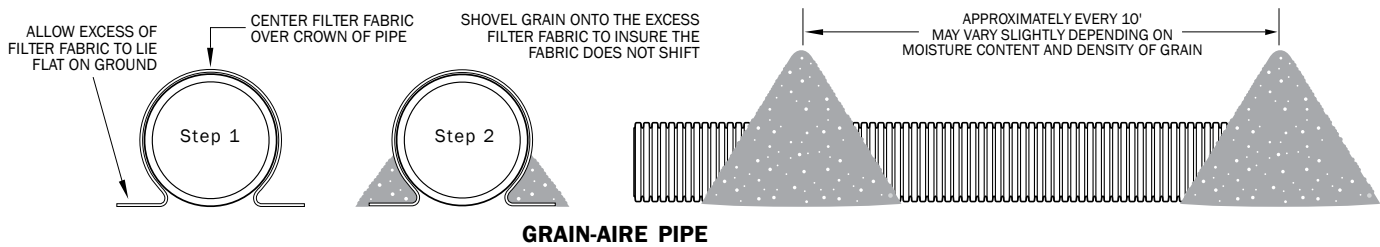
Previously installed drainage systems can be adapted to an Irri-Drain system.



GRAIN-AIRE PIPE

GRAIN-AIRE PIPE WITH SCREEN SLEEVE

	DESCRIPTION	PRODUCT CODE
Single Wall Pipe	15" (375 mm) Grain-Aire Pipe 20' (6.1 m) L	15840020SW
	18" (450 mm) Grain-Aire Pipe 20' (6.1 m) L	18840020SW
Dual Wall Pipe	12" (300 mm) Grain-Aire Pipe 20' (6.1 m) L	12840020
	15" (375 mm) Grain-Aire Pipe 20' (6.1 m) L	15840020
	18" (450 mm) Grain-Aire Pipe 20' (6.1 m) L	18840020
	24" (600 mm) Grain-Aire Pipe 20' (6.1 m) L	24840020
	30" (750 mm) Grain-Aire Pipe 20' (6.1 m) L	30840020
	36" (900 mm) Grain-Aire Pipe 20' (6.1 m) L	36840020
Screen Fabric	18" (450 mm) Grain-Aire Screen Fabric, 300' (91.4 m) RL	1884HARL
	24" (600 mm) Grain-Aire Screen Fabric, 300' (91.4 m) RL	2484HARL
Screen Fabric Sleeve	12" (300 mm) Grain-Aire Screen Fabric Sleeve, 21' (6.4 m) L	1284HA
	15" (375 mm) Grain-Aire Screen Fabric Sleeve, 21' (6.4 m) L	1584HA
	18" (450 mm) Grain-Aire Screen Fabric Sleeve, 21' (6.4 m) L	1884HA
	24" (600 mm) Grain-Aire Screen Fabric Sleeve, 21' (6.4 m) L	2484HA
	30" (750 mm) Grain-Aire Screen Fabric Sleeve, 21' (6.4 m) L	3084HA
	36" (900 mm) Grain-Aire Screen Fabric Sleeve, 21' (6.4 m) L	3684HA



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HIGH PERFORMANCE (POLYPROPYLENE) PIPE

HP STORM

DIAMETER	LENGTH	PRODUCT CODE
12" (300 mm)	20' (6.1 m)	1265 0020 IBPL
15" (375 mm)	20' (6.1 m)	1565 0020 IBPL
18" (450 mm)	20' (6.1 m)	1865 0020 IBPL
24" (600 mm)	20' (6.1 m)	2465 0020 IBPL
30" (750 mm)	20' (6.1 m)	3065 0020 IBPL
36" (900 mm)	20' (6.1 m)	3665 0020 IBPL
42" (1050 mm)	20' (6.1 m)	4265 0020 IBPL
48" (1200 mm)	20' (6.1 m)	4865 0020 IBPL
60" (1500 mm)	20' (6.1 m)	6065 0020 IBPL

POTATO AERATION PIPE

DIAMETER	LENGTH	PRODUCT CODE
15" (375 mm) HP	20' (6.1 m)	15870020PLSP
18" (450 mm) HP	20' (6.1 m)	18870020PLSP
18" (450 mm) HDPE	20' (6.1 m)	18870020SP
18" (450 mm) HP	20' (6.1 m)	18970020PLSP
18" (450 mm) HDPE	20' (6.1 m)	18970020SP
24" (600 mm) HP	20' (6.1 m)	24870020PLSP
30" (750 mm) HP	20' (6.1 m)	30970020PLSP



SINGLE WALL FITTINGS

INTERNAL COUPLERS

DIAMETER	PRODUCT CODE
3" (75 mm)	0315AA
4" (100 mm) Ag Coupler	0416AA
4" (100 mm)	0417AA
5" (125 mm)	0515AA
6" (150 mm)	0615AA
8" (200 mm)	0815AA
10" (250 mm)	1015AA



EXTERNAL SNAP COUPLERS

DIAMETER	PRODUCT CODE
3" (75 mm)	0312AA
4" (100 mm)	0412AA
5" (125 mm)	0512AA
6" (150 mm)	0612AA
8" (200 mm)	0812AA
10" (250 mm)	1012AA



SPLIT COUPLERS

DIAMETER	PRODUCT CODE
3" (75 mm)	0311AA
4" (100 mm)	0411AA
5" (125 mm)	0511AA
6" (150 mm)	0611AA
8" (200 mm)	0811AA
10" (250 mm)	1011AA



90 DEGREE SNAP ELBOWS

SIZE	PRODUCT CODE
3" (75 mm)	0390AA
4" (100mm)	0490AA



45 DEGREE SNAP ELBOWS

SIZE	PRODUCT CODE
4" (100 mm)	0445AA



SINGLE WALL FITTINGS

SNAP END CAPS*

DIAMETER	PRODUCT CODE	
	SNAP	SPLIT
3" (75 mm) Solid	0332AA	0331AA
4" (100 mm) Solid	0432AA	0431AA
5" (125 mm) Solid		0531AA
6" (150 mm) Solid		0631AA
8" (200 mm) Solid	0832AA	0831AA
10" (250 mm) Solid	1032AA	
12" (300 mm) Solid		1267AA
15" (375 mm) Solid		1567AA
18" (450 mm) Solid		1867AA
24" (600 mm) Solid		2467AA



SNAP END CAP



SPLIT END CAP

**END CAPS ARE FOR HORIZONTAL APPLICATIONS ONLY. END CAPS ARE NOT PERMITTED TO BE USED IN ANY VERTICAL APPLICATIONS. MISUSE OR FAILURE TO PROPERLY SECURE END CAPS MAY RESULT IN DAMAGE TO PERSONS OR PROPERTY OR MAY RESULT IN INJURY OR DEATH.*

INTERNAL END PLUGS

DIAMETER	PRODUCT CODE
3" (75 mm) Solid	0333AA
4" (100 mm) Solid	0433AA
4" (100 mm) Perf	0434AA
5" (125 mm) Solid	0533AA
6" (150 mm) Solid	0633AA



REDUCERS

SIZE	PRODUCT CODE
(Main x Stub)	
4" x 3" (100 x 75 mm)	0314AA
5" x 4" (125 x 100 mm)	0514AA
6" x 4" (150 x 100 mm)	0614AA
6" x 5" (150 x 125 mm)	0516AA
8" x 6" (200 x 150 mm)	0816AA
10" x 8" (250 x 200 mm)	1018AA
12" x 10" (300 x 250 mm)	1210AA
15" x 10" (375 x 300 mm)	1510AA



SINGLE WALL FITTINGS

BLIND TEES

SIZE	PRODUCT CODE
3" (75 mm)	0341AA
4" (100 mm)	0441AA
5" (125 mm)	0541AA
6" (150 mm)	0641AA
8" (200 mm)	0841AA
10" (250 mm)	1041AA



SNAP TEES

SIZE	PRODUCT CODE
3" (75 mm)	0321AA
4" (100 mm)	0421AA
5" (125 mm)	0525AA
6" (150 mm)	0626AA



REDUCING TEES

SIZE	PRODUCT CODE
(Main x Stub)	
5" x 3" (125 x 75 mm)	0523AA
5" x 4" (125 x 100 mm)	0524AA
6" x 4" (150 mm) x 100 mm)	0624AA
6" x 5" (150 x 125 mm)	0625AA



BLIND MULTIPLE TEES

SIZE	PRODUCT CODE
(Main x Stub)	
8" x 8"/6"/4" (200/150/100 mm)	0845AA
10" x 10"/8" (250/200 mm)	1045AA
12" x 12"/10" (300/250 mm)	1247AA



SINGLE WALL FITTINGS

MULTIPLE TEES

SIZE	PRODUCT CODE
(Main x Stub)	
6" x 3"/4"/5"/6" (150 x 75/100/125/150 mm)	0644AA
8" x 4"/5"/6"/8" (200 x 100/125/150/200 mm)	0844AA
10" x 6"/8"/10" (250 x 150/200/250 mm)	1044AA



MULTIPLE CROSS TEES

SIZE	PRODUCT CODE
6" (150 mm)	0654AA



INTERNAL TAP TEES

SIZE	PRODUCT CODE
3" x 6"/8" (75 x 150/200 mm)	0350AA
4" x 6"/8" (100 x 150/200 mm)	0450AA
4" x 10"/12" (100 x 250/300 mm)	0410AA
5" x 10"/12" (125 x 250/300 mm)	0550AA
5" x 15"/18" (125 x 375/450 mm)	0510AA
6" x 15"/18"/24" (150 x 375/450/600 mm)	0650AA



TWIST TAP TEES

SIZE (Size on Size)	PRODUCT CODE
4" x 10"/12" (100 x 250/300 mm)	0430AA
4" x 6"/8" (100 x 150/200 mm)	0470AA



WYES

SIZE (Size on Size)	PRODUCT CODE
3" (75 mm)	0322AA
4" (100 mm)	0422AA
5" (125 mm)	0522AA
6" (150 mm)	0622AA
8" (200 mm)	0822AA



DUAL WALL FITTINGS

4" - 24" EXTERNAL SNAP COUPLERS

DIAMETER	PRODUCT CODE
6" (150 mm)	0613AA
8" (200 mm)	0813AA
10" (250 mm)	1013AA



10" - 60" SPLIT BAND COUPLERS

DIAMETER	PRODUCT CODE	
	Coupler only	Coupler with Gasket
10" (250 mm)		1066AA
12" (300 mm)	1265AA	1266AA
15" (375 mm)	1565AA	1566AA
18" (450 mm)	1865AA	1866AA
24" (600 mm)	2465AA	2412AA
30" (750 mm)	3065AA	3066AA
36" (900 mm)	3661AA	3662AA
42" (1050 mm)	4265AA	4266AA
48" (1200 mm)	4865AA	4866AA
60" (1500 mm)	6065AA	6066AA



MAR-MAC® COUPLERS

DIAMETER	PRODUCT CODE
8" (200 mm)	0867RC
10" (250 mm)	1067RC
12" (300 mm)	1267RC
15" (375 mm)	1567RC
18" (450 mm)	1867RC
24" (600 mm)	2467RC
30" (750 mm)	3067RC
36" (900 mm)	3667RC
42" (1050 mm)	4267RC
48" (1200 mm)	4867RC
54" (1350 mm)	5467RC
60" (1500 mm)	6067RC



MAR-MAC® COUPLERS DOUBLE WIDE

DIAMETER	PRODUCT CODE
12" (300 mm)	1267RCD
15" (375 mm)	1567RCD
18" (450 mm)	1867RCD
24" (600 mm)	2467RCD
30" (750 mm)	3067RCD
36" (900 mm)	3667RCD
42" (1050 mm)	4267RCD
48" (1200 mm)	4867RCD
54" (1350 mm)	5467RCD
60" (1500 mm)	6067RCD



DUAL WALL FITTINGS

12" - 60" END CAPS*

DIAMETER	N-12 PLAIN END	N-12 WT
		Includes 1 gasket
12" (300 mm)	1201AN	1201AN65B
15" (375 mm)	1501AN	1501AN65B
18" (450 mm)	1801AN	1801AN65B
24" (600 mm)	2401AN	2401AN65B
30" (750 mm)	3001AN	3001AN65B
36" (900 mm)	3601AN	3601AN65B
42" (1050 mm)	4201AN	4201AN65B
48" (1200 mm)	4801AN	4801AN65B
60" (1500 mm)	6001AN	6001AN65B



*END CAPS ARE FOR HORIZONTAL APPLICATIONS ONLY. END CAPS ARE NOT PERMITTED TO BE USED IN ANY VERTICAL APPLICATIONS. MISUSE OR FAILURE TO PROPERLY SECURE END CAPS MAY RESULT IN DAMAGE TO PERSONS OR PROPERTY OR MAY RESULT IN INJURY OR DEATH.

6" - 24" SPLIT END CAPS

DIAMETER	PRODUCT CODE
6" (150 mm)	0667AA
8" (200 mm)	0867AA
10" (250 mm)	1067AA
12" (300 mm)	1267AA
15" (375 mm)	1567AA
18" (450 mm)	1867AA
24" (600 mm)	2467AA



8" - 60" NON-PRESSURE PIPE END PLUG WITH GASKETS**



DIAMETER	PRODUCT CODE
8" (200 mm)	0833AA
10" (250 mm)	1033AA
12" (300 mm)	1233AA
15" (375 mm)	1533AA
18" (450 mm)	1833AA
24" (600 mm)	2433AA
30" (750 mm)	3033AA
36" (900 mm)	3633AA
42" (1050 mm)	4233AA
48" (1200 mm)	4833AA
60" (1500 mm)	6033AA



** NOT INTENDED FOR PERMANENT USE OR VERTICAL ORIENTATION.

NOTE: CONTACT YOUR LOCAL SALES REPRESENTATIVE FOR AVAILABILITY OF SIZES NOT LISTED ABOVE.

DUAL WALL FABRICATED FITTINGS

DUAL WALL FABRICATED REDUCERS – 6" - 30"

DIAMETER	N-12 PLAIN END
10" x 4" (250 x 100 mm)	1070AN
10" x 6" (250 x 150 mm)	1071AN
10" x 8" (250 x 200 mm)	1072AN
12" x 4" (300 x 100 mm)	1270AN
12" x 6" (300 x 150 mm)	1271AN
12" x 8" (300 x 200 mm)	1272AN
12" x 10" (300 x 250 mm)	1273AN
15" x 4" (375 x 100 mm)	1570AN
15" x 6" (375 x 150 mm)	1571AN
15" x 8" (375 x 200 mm)	1572AN
15" x 10" (375 x 250 mm)	1573AN
15" x 12" (375 x 300 mm)	1574AN
18" x 4" (450 x 100 mm)	1870AN
18" x 6" (450 x 150 mm)	1871AN
18" x 8" (450 x 200 mm)	1872AN
18" x 10" (450 x 250 mm)	1873AN
18" x 12" (450 x 300 mm)	1874AN
18" x 15" (450 x 375 mm)	1875AN
24" x 4" (600 x 100 mm)	2470AN
24" x 6" (600 x 150 mm)	2471AN
24" x 8" (600 x 200 mm)	2472AN
24" x 10" (600 x 250 mm)	2473AN
24" x 12" (600 x 300 mm)	2474AN
24" x 15" (600 x 375 mm)	2475AN
24" x 18" (600 x 450 mm)	2476AN
30" x 4" (750 x 100 mm)	3070AN
30" x 6" (750 x 150 mm)	3071AN
30" x 8" (750 x 200 mm)	3072AN
30" x 10" (750 x 250 mm)	3073AN
30" x 12" (750 x 300 mm)	3074AN
30" x 15" (750 x 375 mm)	3075AN
30" x 18" (750 x 450 mm)	3076AN
30" x 24" (750 x 600 mm)	3077AN

DUAL WALL FABRICATED REDUCERS – 36" - 60"

DIAMETER	N-12 PLAIN END
36" x 4" (900 x 100 mm)	3670AN
36" x 6" (900 x 150 mm)	3671AN
36" x 8" (900 x 200 mm)	3672AN
36" x 10" (900 x 250 mm)	3673AN
36" x 12" (900 x 300 mm)	3674AN
36" x 15" (900 x 375 mm)	3675AN
36" x 18" (900 x 450 mm)	3676AN
36" x 24" (900 x 600 mm)	3677AN
36" x 30" (900 x 750 mm)	3678AN
42" x 6" (1050 x 150 mm)	4271AN
42" x 8" (1050 x 200 mm)	4272AN
42" x 10" (1050 x 250 mm)	4273AN
42" x 12" (1050 x 300 mm)	4274AN
42" x 15" (1050 x 375 mm)	4275AN
42" x 18" (1050 x 450 mm)	4276AN
42" x 24" (1050 x 600 mm)	4277AN
42" x 30" (1050 x 750 mm)	4278AN
42" x 36" (1050 x 900 mm)	4279AN
48" x 12" (1200 x 300 mm)	4874AN
48" x 15" (1200 x 375 mm)	4875AN
48" x 18" (1200 x 450 mm)	4876AN
48" x 24" (1200 x 600 mm)	4877AN
48" x 30" (1200 x 750 mm)	4878AN
48" x 36" (1200 x 900 mm)	4879AN
48" x 42" (1200 x 1050 mm)	4842AN
60" x 24" (1500 x 600 mm)	6077AN
60" x 30" (1500 x 750 mm)	6078AN
60" x 36" (1500 x 900 mm)	6079AN
60" x 42" (1500 x 1050 mm)	6042AN
60" x 48" (1500 x 1200 mm)	6048AN



NOTE: CONTACT YOUR LOCAL SALES REPRESENTATIVE FOR AVAILABILITY OF SIZES NOT LISTED ABOVE.

DUAL WALL FABRICATED FITTINGS

DUAL WALL FABRICATED 22.5° BENDS – 4" - 60"

DIAMETER	N-12 PLAIN END
4" (100 mm)	0492AN
6" (150 mm)	0692AN
8" (200 mm)	0892AN
10" (250 mm)	1092AN
12" (300 mm)	1292AN
15" (375 mm)	1592AN
18" (450 mm)	1892AN
24" (600 mm)	2492AN
30" (750 mm)	3092AN
36" (900 mm)	3692AN
42" (1050 mm)	4292AN
48" (1200 mm)	4892AN
60" (1500 mm)	6092AN



DUAL WALL TEES 12" - 60"

DIAMETER	N-12 PLAIN END
10" (250 mm)	1063AN
12" (300 mm)	1264AN
15" (375 mm)	1565AN
18" (450 mm)	1866AN
24" (600 mm)	2467AN
30" (750 mm)	3068AN
36" (900 mm)	3669AN
42" (1050 mm)	4251AN
48" (1200 mm)	4851AN
60" (1500 mm)	6051AN



DUAL WALL FABRICATED 45° BENDS – 12" - 60"

DIAMETER	N-12 PLAIN END
10" (300 mm)	1094AN
12" (300 mm)	1297AN
15" (375 mm)	1597AN
18" (450 mm)	1897AN
24" (600 mm)	2497AN
30" (750 mm)	3097AN
36" (900 mm)	3697AN
42" (1050 mm)	4297AN
48" (1200 mm)	4897AN
60" (1500 mm)	6097AN



DUAL WALL 45° STANDARD WYES 12" - 24"

DIAMETER	N-12 PLAIN END
10" (300 mm)	1284AN
12" (300 mm)	1284AN
15" (375 mm)	1585AN
18" (450 mm)	1886AN
24" (600 mm)	2487AN



DUAL WALL FABRICATED 90° BENDS – 12" - 18"

DIAMETER	N-12 PLAIN END
12" (300 mm)	1298AN
15" (375 mm)	1598AN
18" (450 mm)	1898AN
24" (600 mm)	2498AN
30" (750 mm)	3098AN
36" (900 mm)	3698AN
42" (1050 mm)	4298AN
48" (1200 mm)	4898AN
60" (1500 mm)	6098AN



NOTE: CONTACT YOUR LOCAL SALES REPRESENTATIVE FOR AVAILABILITY OF SIZES NOT LISTED ABOVE.

SOIL-TIGHT FITTINGS (Cleated Bells)

TEE

SIZE	PRODUCT CODE
4" (100 mm)	0460ST
6" (150 mm)	0661ST
8" (200 mm)	0862ST
10" (250 mm)	1062ST
12" (300 mm)	1264ST



REDUCING TEE

SIZE	PRODUCT CODE
6" x 4" (150 x 100 mm)	0660ST
8" x 4" (200 x 100 mm)	0863ST
8" x 6" (200 x 150 mm)	0836ST
10" x 4" (250 x 100 mm)	1060ST
10" x 6" (250 x 150 mm)	1036ST
12" x 10" (300 x 200 mm)	1263ST



45° WYE

SIZE	PRODUCT CODE
4" (100 mm)	0480ST
6" (150 mm)	0681ST
8" (200 mm)	0882ST
10" (250 mm)	1083ST
12" (300 mm)	1284ST



45° REDUCING WYE

SIZE	PRODUCT CODE
6" x 4" (150 x 100 mm)	0680ST
8" x 4" (200 x 100 mm)	0880ST
8" x 6" (200 x 150 mm)	0881ST
12" x 10" (300 x 250 mm)	1283ST



45° ELBOW

SIZE	PRODUCT CODE
4" (100 mm)	0494ST
6" (150 mm)	0694ST
8" (200 mm)	0894ST
10" (250 mm)	1094ST
12" (300 mm)	1294ST



SWEEPING TEE

SIZE	PRODUCT CODE
8" x 4" (200 x 100 mm)	0863ST
8" x 6" (200 x 150 mm)	0836ST
10" x 6" (250 x 150 mm)	1036ST



90° ELBOW

SIZE	PRODUCT CODE
4" (100 mm)	0499ST
6" (150 mm)	0699ST
8" (200 mm)	0899ST
10" (250 mm)	1099ST
12" (300 mm)	1299ST



DUAL WALL FITTINGS

TEE

SIZE	PRODUCT CODE
4" (100 mm)	0460WT
6" (150 mm)	0661WT
8" (200 mm)	0862WT
10" (250 mm)	1063WT
12" (300 mm)	1264WT



REDUCING TEE

SIZE	PRODUCT CODE
6" x 4" (150 x 100 mm)	0660WT
8" x 4" (200 x 100 mm)	0863WT
8" x 6" (200 x 150 mm)	0836WT
10" x 4" (250 x 100 mm)	1060WT
10" x 6" (250 x 150 mm)	1036WT
10" x 8" (250 x 200 mm)	1062WT
12" x 4" (300 x 100 mm)	1260WT
12" x 6" (300 x 150 mm)	1236WT
12" x 10" (300 x 250 mm)	1263WT



45° WYE

SIZE	PRODUCT CODE
4" (100 mm)	0480WT
6" (150 mm)	0681WT
8" (200 mm)	0882WT
10" (250 mm)	1083WT
12" (300 mm)	1284WT



45° REDUCING WYE

SIZE	PRODUCT CODE
6" x 4" (150 x 100 mm)	0680WT
8" x 4" (200 x 100 mm)	0880WT
8" x 6" (200 x 150 mm)	0881WT
10" x 4" (250 x 100 mm)	1080WT
10" x 6" (250 x 150 mm)	1081WT
10" x 8" (250 x 200 mm)	1082WT
12" x 6" (300 x 150 mm)	1281WT
12" x 8" (300 x 150 mm)	1280WT
12" x 8" (300 x 200 mm)	1283WT



45° ELBOW

SIZE	PRODUCT CODE
4" (100 mm)	0494WT
6" (150 mm)	0694WT
8" (200 mm)	0894WT
10" (250 mm)	1094WT
12" (300 mm)	1294WT



90° ELBOW

SIZE	PRODUCT CODE
4" (100 mm)	0499WT
6" (150 mm)	0699WT
8" (200 mm)	0899WT
10" (250 mm)	1099WT
12" (300 mm)	1299WT



SWEEPING TEE

SIZE	PRODUCT CODE
8" x 4" (200 x 100 mm)	0863WT
8" x 6" (200 x 150 mm)	0836WT
10" x 6" (250 x 150 mm)	1036WT
12" x 6" (300 x 150 mm)	1236WT



END CAP

SIZE	PRODUCT CODE
4" (100 mm)	0432WT
6" (150 mm)	0632WT



DUAL WALL FITTINGS

COUPLER

SIZE	PRODUCT CODE
4" (100 mm)	0413WT
6" (150 mm)	0613WT
8" (200 mm)	0813WT
10" (250 mm)	1013WT



REDUCING COUPLER

SIZE	PRODUCT CODE
6" x 4" (150 x 100 mm)	0614WT
8" x 4" (200 x 100 mm)	0814WT
8" x 6" (200 x 150 mm)	0816WT
10" x 8" (250 x 200 mm)	1018WT
12" x 8" (300 x 200 mm)	1218WT
12" x 10" (300 x 250 mm)	1210WT



DISSIMILIAR ADAPTER

DIAMETER	PRODUCT CODE
12" (300 mm)	1221AN
15" (375 mm)	1521AN
18" (450 mm)	1821AN
24" (600 mm)	2421AN
30" (750 mm)	3021AN
36" (900 mm)	3621AN
42" (1050 mm)	4221AN
48" (1200 mm)	4821AN
60" (1500 mm)	6021AN



INSERTA TEE FITTINGS

N-12 INTO N-12/HP

DIAMETER	PRODUCT CODE
4" into 8" (100 into 200 mm)	4N128N12
4" into 10" (100 into 250 mm)	4N1210N12
4" into 12"-15" (100 into 300-375 mm)	4N12MF12-15N12
4" into 18"-24" (100 into 450-600 mm)	4N12MF18-24N12
6" into 10" (150 into 250 mm)	6N1210N12
6" into 12"-15" (150 into 300-375 mm)	6N12MF12-15N12
6" into 18"-24" (150 into 450-600 mm)	6N12MF18-24N12
6" into 30" (100 into 750 mm)	6N1230N12
8" into 12"-15" (200 into 300-375 mm)	8N12MF12-15N12
8" into 18"-24" (200 into 450-600 mm)	8N12MF18-24N12
8" into 30"-48" (200 into 750-1200 mm)	8N12MF30-48N12
8" into 30" HP (200 into 750 mm)	8N1230HP
10" into 18" (250 into 450 mm)	10N1218N12
10" into 24" (250 into 600 mm)	10N1224N12
10" into 30" (250 into 750 mm)	10N1230N12
12" into 24" (375 into 600 mm)	12N1224N12
12" into 30" (300 into 750 mm)	12N1230N12
12" into 36" (300 into 900 mm)	12N1236N12
12" into 42" (300 into 1050 mm)	12N1242N12
15" into 30" (375 into 750 mm)	15N1230N12
15" into 30" HP (375 into 750 mm)	15N1230HP
18" into 36" (450 into 900 mm)	18N1236N12
18" into 48" (450 into 1200 mm)	18N1248N12
24" into 36" (600 into 900 mm)	24N1236N12
24" into 48" (600 into 1200 mm)	12N1248N12



Rubber Sleeve



Stainless Steel Band



Gasketed PVC Hub



Field Drainage



ADS N-12[®] Agriculture Mains

HOLE SAWS

SIZE	PRODUCT CODE
4½" Red	R412SAW
6½" Red	R612SAW
8¾" Red	R834SAW
6½" Blue	BL612SAW
8¾" Blue	BL834SAW
10⅞" Blue	BL1078SAW
12⅞" Blue	BL1278SAW
15 ¹³ / ₁₆ " Blue	BL151316SAW
25 ⁵ / ₁₆ " Blue	BL25516SAW

Red: Heat treated teeth
Blue: Carbon steel



WATER CONTROL STRUCTURES, HICKENBOTTOMS

WATER CONTROL STRUCTURE

SIZE	PRODUCT CODE
12" (300 mm) Diameter Drain Basin	4912AG
15" (375 mm) Diameter Drain Basin	4915AG
18" (450 mm) Diameter Drain Basin	4918AG
24" (600 mm) Diameter Drain Basin	4924AG



HICKENBOTTOM RISERS



SIZE	DESCRIPTION	PRODUCT CODE
5" x 1" (125 x 25 mm)	Orange Intake (12 Holes)	5013GC
5" x 1" (125 x 25 mm)	Orange Riser with Cap-Top	5023GC
5" x 5/16" (125 x 8 mm)	Orange Ext-Btm	5033GC
5" (125 mm)	Blind Tee	5043GC
5" (125 mm)	Restrictor	5063GC
6" x 1" (150 x 25 mm)	Orange Riser with Cap-Top	6023GC
6" x 5/16" (150 x 8 mm)	Orange Ext-Btm	6033GC
6" (150 mm)	Black Slotted Intake	6073GC
6" (150 mm)	Black Blank Section	6053GC
6" (150 mm)	Black Riser Blind Tee	6043GC
6" (150 mm)	Restrictor	6063GC
8" x 1" (200 x 25 mm)	Orange Riser with Cap-Top	0823GC
8" x 5/16" (200 x 8 mm)	Orange Ext-Btm	0833GC
8" (200 mm)	Black Slotted Intake	0873GC
8" (200 mm)	Black Blank Section	0853GC
8" (200 mm)	Black Riser Blind Tee	0843GC
8" (200 mm)	Restrictor	0863GC
10" x 1" (250 x 25 mm)	Orange Riser with Cap-Top	1023GC
10" x 5/16" (200 x 8 mm)	Orange Ext-Btm	1033GC
10" (250 mm)	Black Slotted Intake	1073GC
10" (250 mm)	Black Blank Section	1053GC
10" (250 mm)	Black Riser Blind Tee	1043GC
12" x 1" (300 x 25 mm)	Orange Riser with Cap-Top	1223GC
12" x 5/16" (300 x 8 mm)	Orange Ext-Btm	1233GC
12" (300 mm)	Black Slotted Intake	1273GC
12" (300 mm)	Black Blind Tee	1243GC



HICKENBOTTOM BLIND TEE



HICKENBOTTOM RESTRICTOR



PRECISION INTAKES, BAR GUARDS

PRECISION INTAKES



SIZE	DESCRIPTION	PRODUCT CODE
6" x 1" (150 x 25 mm)	Yellow Riser with Cap-Top	6023GCV
6" x 5/16" (150 x 8 mm)	Yellow Ext-Btm	6033GCV
6" (150 mm)	Black Slotted Intake	6073GCV
6" (150 mm)	Black Blank Section	6053GCV
6" (150 mm)	Black Riser Blind Tee	6043GCV
6" (150 mm)	Restrictor	6063GCV
8" x 1" (200 x 25 mm)	Yellow Riser with Cap-Top	0823GCV
8" x 5/16" (200 x 8 mm)	Yellow Ext-Btm	0833GCV
8" (200 mm)	Black Slotted Intake	0873GCV
8" (200 mm)	Black Blank Section	0853GCV
8" (200 mm)	Black Riser Blind Tee	0843GCV
8" (200 mm)	Restrictor	0863GCV
10" x 1" (250 x 25 mm)	Yellow Riser with Cap-Top	1023GCV
10" x 5/16" (200 x 8 mm)	Yellow Ext-Btm	1033GCV
10" (250 mm)	Black Slotted Intake	1073GCV
10" (250 mm)	Black Blank Section	1053GCV
10" (250 mm)	Black Riser Blind Tee	1043GCV



QUICK DRAIN RISERS



SIZE	PRODUCT CODE
6" Diameter x 6" Inlet (150 x 150 mm)	0606QD
10" Diameter x 6" Inlet (250 x 150 mm)	1006QD
10" Diameter x 8" Inlet (250 x 200 mm)	1008QD
6" Diameter x 6" Inlet (150 x 150 mm) with Adjustable Inlet	0606TPTQD



QUICK DRAIN RISER



ADJUSTABLE INLET

BAR GUARDS



DIAMETER	PRODUCT CODE
4" (100 mm)	0420DA
6" (150 mm)	0620DA
8" (200 mm)	0820DA
10" (250 mm)	1020DA
12" (300 mm)	1220DA
15" (375 mm)	1520DA
18" (450 mm)	1820DA
24" (600 mm)	2420DA
30" (750 mm)	3020DA
36" (900 mm)	3620DA



ANIMAL GUARDS, FLAGS, TAPE

ANIMAL GUARDS



DIAMETER	DESCRIPTION	PRODUCT CODE
4" (100 mm)	METAL ANIMAL GUARD (FINGER)	0470DA
	ANIMAL GUARD (SOLID)	0471DA
6" (150 mm)	METAL ANIMAL GUARD (FINGER)	0670DA
	ANIMAL GUARD (SOLID)	0671DA
8" (200 mm)	METAL ANIMAL GUARD (FINGER)	0870DA
	ANIMAL GUARD (SOLID)	0871DA
10" (250 mm)	METAL ANIMAL GUARD (FINGER)	1070DA
	ANIMAL GUARD (SOLID)	1071DA
12" (300 mm)	METAL ANIMAL GUARD (FINGER)	1270DA
15" (375 mm)	METAL ANIMAL GUARD (FINGER)	1570DA
18" (450 mm)	METAL ANIMAL GUARD (FINGER)	1870DA
24" (600 mm)	METAL ANIMAL GUARD (FINGER)	2470DA
30" (750 mm)	METAL ANIMAL GUARD (FINGER)	3070DA
36" (900 mm)	METAL ANIMAL GUARD (FINGER)	3670DA



ANIMAL GUARD (FINGER)



ANIMAL GUARD (SOLID)

FLAP GATES



DIAMETER	PRODUCT CODE
4" (100 mm)	0440DA
6" (150 mm)	0640DA
8" (200 mm)	0840DA
10" (250 mm)	1040DA
12" (300 mm)	1240DA
15" (375 mm)	1540DA
18" (450 mm)	1840DA
24" (600 mm)	2440DA
30" (750 mm)	3040DA
36" (900 mm)	3640DA



LAYOUT FLAGS



DESCRIPTION	PRODUCT CODE
Layout Flags	MR F00 00 0000

BLACK TAPE



DESCRIPTION	AVAIL. LENGTHS	PRODUCT CODE
2" (50 mm) Black Tape	100 ft. (30.5m) roll	1137KA
½" (12.5 mm) Black Filament Tape	100 ft. (30.5m) roll	1147KA



FLARED END SECTIONS, FOUNDATION DRAINAGE

FLARED END SECTIONS



SIZE	PRODUCT CODE
10" (250mm)	1015NP
12" (300mm) / 15" (375mm)	1215NP
18" (450mm)	1810NP
24" (600mm)	2410NP
30" (750mm)	3015NP
36" (900mm)	3615NP



FOUNDATION DRAINAGE PRODUCTS

DESCRIPTION	DIMENSIONS	PRODUCT CODE
14 gal. (53L) Sump Liner	18" diameter x 24" height (450 x 600 mm)	1524ADH
19 gal. (72L) Sump Liner	18" diameter x 30" height (450 x 750 mm)	1530ADH
14 gal. (53L) Sump Liner	18" diameter x 24" height (450 x 600 mm)	1524ADL
19 gal. (72L) Sump Liner	18" diameter x 30" height (450 x 750 mm)	1530ADL
Standard, Non-Locking Sump Lid	18" diameter (450 mm)	1536AD**
Solid, Non-Locking Sump Lid	18" diameter (450 mm)	1537AD**
Solid, Locking Sump Lid	18" diameter (450 mm)	1537ADL**
Notched, Locking Sump Lid	18" diameter (450 mm)	1537ADNL**
Radon Vented Lid	18" diameter (450 mm)	1538 AD
Radon Dual Purpose Vented Liner	20" diameter x 24" height (500 x 600 mm)	1524ADR
Sewage Ejector Sump Liner	20" diameter x 30" height (500 x 750 mm)	1530ADE
Non-Locking Lid Kit for Sewage Ejector Sump and Radon Vented Sump	20" diameter (500mm)	1530ADLX*



1536AD



1537ADL



1538AD

*For use with Hancor 1524ADH and 1530ADH.

**For use with ADS 1524ADL and 1530ADL.



Sump Liner & Notched Lid



Radon Dual Purpose Vented Liner



Sewage Ejector Sump Liner

HP AGRICULTURAL LIFT STATIONS

FEATURES:

- 1800 rpm means longer bearing/motor lifetime and less vibration
- Unique impeller design creates optimal gallon per minute per watt performance
- Electronic panel is completely enclosed and is protected from harsh environmental conditions
- Remote Monitoring System is satellite-based and can be accessed via any web-enabled device
- Electrical schematic stickers on enclosure door shows electrical connections

BENEFITS:

- One system to manage water flow rate, field water table level & power consumption
- Reduces on/off cycles
- Cloud based data storage allows for historical comparisons
- Increases yield by controlling root zone water availability
- Factory-trained support available 24/7 from pump manufacturer



HP AG LIFT STATIONS*

SIZE	PRODUCT CODE
36" (900 mm) Lift Station	3624ANLS
48" (1200 mm) Lift Station	4830ANLS

* A 60" (1500 mm) is available by special order. Please contact your ADS sales representative.



HP AG LIFT STATION LIDS

SIZE	PRODUCT CODE
36" (900 mm) Painted Steel Lid	GI-36LID
48" (1200 mm) Painted Steel Lid	GI-48LID
60" (1500 mm) Painted Steel Lid	GI-60LID

HP AG LIFT STATION STAND

SIZE	PRODUCT CODE
Painted Steel Stand	GI-STAND

TRANSDUCER KIT

SIZE	PRODUCT CODE
Transducer Kit	DTM-TK



HP AGRICULTURAL LIFT STATIONS

LIFT STATION 2 HP PUMPS

SIZE	PRODUCT CODE
2 HP Pump, 4" (100 mm) Discharge	DTM-2WF
2 HP-VFD/Panel/UL-230 Volt	DTM-2230P
2 HP-VFD/Panel/UL-460 Volt	DTM-2230P

LIFT STATION 3 HP PUMPS

SIZE	PRODUCT CODE
3 HP Pump, 4" (100 mm) Discharge	DTM-3WF
3 HP-VFD/Panel/UL-230 Volt	DTM-3230P
3 HP-VFD/Panel/UL-460 Volt	DTM-3460P
3 HP-VFD/Panel/UL Duplex	DTM-320P2

LIFT STATION 5 HP PUMPS

SIZE	PRODUCT CODE
5 HP Pump, 6" (150 mm) Discharge with Flange & Adapter	DTM-5WF
5 HP Pump, 6" (150 mm) Discharge CSA Certified	DTM-5WFCA
5 HP-VFD/Panel/UL-230 Volt	DTM-5230P
5 HP-VFD/Panel/UL-460 Volt	DTM-5460P
5 HP-VFD/Panel/UL-230 Volt Duplex (2 VFDs)	DTM-5230P2

LIFT STATION 7.5 HP PUMPS

SIZE	PRODUCT CODE
7.5 HP Pump, High Flow 8" (200 mm) Discharge	DTM-75HF
7.5 HP Pump, 8" (200 mm) Discharge CSA Certified	DTM-75HFCA
7.5 HP-VFD/Panel/UL-230 Volt	DTM-75230P
7.5 HP-VFD/Panel/UL-460 Volt	DTM-75460P
7.5 HP-VFD/Panel/UL-230 Volt Duplex (2 VFDs)	DTM-75230P2



LIFT STATION 10.5 HP PUMPS

SIZE	PRODUCT CODE
10.5 HP Pump, High Flow 8" (200 mm) Discharge	DTM-10HF
10.5 HP Pump, 8" (200 mm) Discharge CSA Certified	DTM-10HFCA
10.5 HP-VFD/Panel/UL-230 Volt	DTM-10230P
10.5 HP-VFD/Panel/UL-460 Volt	DTM-10460P
10.5 HP-VFD/Panel/UL-230 Volt Duplex (2 VFDs)	DTM-10230P2
10.5 HP-VFD/Panel/UL-230 Volt Triplex (3 VFDs)	DTM-10230P3

LIFT STATION 15 HP PUMPS

SIZE	PRODUCT CODE
15 HP Pump, High Flow 12" (300 mm) Discharge CSA	DTM-15HF
15 HP-VFD/Panel/UL-230 Volt	DTM-15230P
15 HP-VFD/Panel/UL-460 Volt	DTM-15460P
15 HP-VFD/Panel/UL-230 Volt Duplex (2 VFDs)	DTM-15230P2
15 HP-VFD/Panel/UL-230 Volt Triplex (3 VFDs)	DTM-15230P3

GEOTEXTILES

LIGHTWEIGHT – NONWOVEN



WEIGHT	W X L	SY/ROLL	PRODUCT CODE
3 oz. (85 g)	12.5' x 360' (3.8 x 109.7 m)	500 (418 m ²)	0311TG
3 oz. (85 g)	15' x 360' (4.6 x 109.7 m)	600 (502 m ²)	0311TS
3.5 oz. (99 g)	2' x 360' (600x 109.7 m)	80 (67 m ²)	0351TC
3.5 oz. (99 g)	3' x 360' (900x 109.7 m)	120 (100 m ²)	0351TA
3.5 oz. (99 g)	4' x 360' (1.2 x 109.7 m)	160 (134 m ²)	0351TB
3.5 oz. (99 g)	7.5' x 360' (2.3 x 109.7 m)	300 (251 m ²)	0351TT
3.5 oz. (99 g)	12.5' x 360' (3.8 x 109.7 m)	500 (418 m ²)	0351TG
3.5 oz. (99 g)	15' x 360' (4.6 x 109.7 m)	600 (502 m ²)	0351TS
4.0 oz. (113 g)	7.5' x 360' (2.3 x 109.7 m)	300 (251 m ²)	0401TT
4.0 oz. (113 g)	12.5' x 360' (3.8 x 109.7 m)	500 (418 m ²)	0401TG
4.0 oz. (113 g)	15' x 360' (4.6 x 109.7 m)	600 (502 m ²)	0401TS
4.5 oz. (128 g)	12.5' x 360' (3.8 x 109.7 m)	500 (418 m ²)	0451TG
4.5 oz. (128 g)	15' x 360' (4.6 x 109.7 m)	600 (502 m ²)	0451TS

MEDIUM WEIGHT – NONWOVEN



WEIGHT	W X L	SY/ROLL	PRODUCT CODE
6 oz. (170 g)	12.5' x 360' (3.8 x 109.7 m)	500 (418 m ²)	0601TG
6 oz. (170 g)	15' x 300' (4.6 x 91.4 m)	500 (418 m ²)	0601TS
7 oz. (198 g)	6' x 360' (1.8 x 109.7 m)	240 (201 m ²)	0701TE
7 oz. (198 g)	12.5' x 360' (3.8 x 109.7 m)	500 (418 m ²)	0701TG
7 oz. (198 g)	15' x 300' (4.6 x 91.4 m)	500 (418 m ²)	0701TS
8 oz. (227 g)	12.5' x 360' (3.8 x 109.7 m)	500 (418 m ²)	0801TG
8 oz. (227 g)	15' x 300' (4.6 x 91.4 m)	500 (418 m ²)	0801TS

HEAVY WEIGHT – NONWOVEN



WEIGHT	W X L	SY/ROLL	PRODUCT CODE
10 oz. (284 g)	15' x 300' (4.6 x 91.4 m)	500 (418 m ²)	1001TS
12 oz. (340 g)	15' x 300' (4.6 x 91.4 m)	500 (418 m ²)	1201TS
16 oz. (454 g)	15' x 300' (4.6 x 91.4 m)	500 (418 m ²)	1601TS



THE MOST **ADVANCED** NAME IN WATER MANAGEMENT SOLUTIONS™

GEOTEXTILES

WOVEN FABRIC SYR STABILIZATION – WOVEN



GRAB TENSILE	W X L	SY/ROLL	PRODUCT CODE
200	12.5' x 432' (3.8 x 131.7 m)	600 (502 m ²)	200WTK
200	15' x 360' (4.6 x 109.7 m)	600 (502 m ²)	200WTS
200	17.5' x 309' (5.3 x 94.2 m)	600 (502 m ²)	200WTM
250	12.5' x 360' (3.8 x 109.7 m)	500 (418 m ²)	250WTK
250	17.5' x 258' (5.3 x 78.6 m)	500 (418 m ²)	250WTM
270	12.5' x 360' (3.8 x 109.7 m)	500 (418 m ²)	270WTK
270	15' x 300' (4.6 x 91.4 m)	500 (418 m ²)	270WTS
270	17.5' x 258' (5.3 x 78.6 m)	500 (418 m ²)	270WTM
270HP	15' x 300' (4.6 x 91.4 m)	500 (418 m ²)	270HPTS
270HP	17' x 258' (5.3 x 78.6 m)	500 (418 m ²)	270HPTM
370HP	17.5' x 257' (5.3 x 78.3 m)	500 (418 m ²)	370HPTS
570HP	15' x 300' (4.6 x 91.4 m)	500 (418 m ²)	570HPTS
315	12.5' x 360' (3.8 x 109.7 m)	500 (418 m ²)	315WTK
315	15' x 300' (4.6 x 91.4 m)	500 (418 m ²)	315WTS
315	17.5' x 258' (5.3 x 78.6 m)	500 (418 m ²)	315WTM
465	12.5' x 360' (3.8 x 109.7 m)	500 (418 m ²)	315WTK

WOVEN FABRIC SYR MEDIUM STRENGTH – WOVEN



W X L	SY/ROLL	PRODUCT CODE
15' x 300' (4.6 x 91.4 m)	500 (418 m ²)	02X2WF
15' x 300' (4.6 x 91.4 m)	500 (418 m ²)	03X3HFTS
15' x 300' (4.6 x 91.4 m)	500 (418 m ²)	04X4HFTS
12.5' x 360' (3.8 x 109.7 m)	500 (418 m ²)	03X3HFTK
12.5' x 216' (3.8 x 65.8 m)	300 (251 m ²)	04X4TK
15' x 180' (4.6 x 54.9 m)	300 (251 m ²)	04X4TS

WOVEN FABRIC SYR MONOFILAMENT – WOVEN



W X L	SY/ROLL	PRODUCT CODE
12' x 300' (3.6 x 91.4 m)	400 (334 m ²)	104FWF
15' x 300' (4.6 x 91.4 m)	500 (418 m ²)	2403W
15' x 300' (4.6 x 91.4 m)	500 (418 m ²)	2404W
15' x 300' (4.6 x 91.4 m)	500 (418 m ²)	2300W



GEOTEXTILES

EROSION CONTROL BLANKETS (ECB) - BIODEGRADABLE



W X L	SY/ROLL	PRODUCT CODE
7.5' x 120' (2.3 x 36.6m)	100 (84 m ²)	OOS1TT
7.5' x 120' (2.3 x 36.6m)	100 (84 m ²)	OOS2TT
7.5' x 120' (2.3 x 36.6m)	100 (84 m ²)	OCS2TT
7.5' x 120' (2.3 x 36.6m)	100 (84 m ²)	OOC2TT



TURF REINFORCEMENT MAT (TRM) - PERMANENT



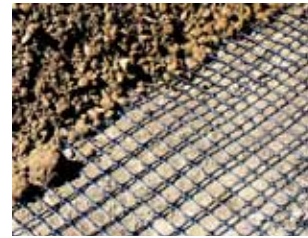
SIZE	SY/ROLL	PRODUCT CODE
7.5' x 120' (2.3 x 36.6 m)	100 (84 m ²)	PP58GTR
7.5' x 120' (2.3 x 36.6 m)	100 (84 m ²)	PP510GTR
7.5' x 120' (2.3 x 36.6 m)	100 (84 m ²)	PP512GTR



BIAXIAL GEOGRIDS



W X L	SY/ROLL	PRODUCT CODE
13.1' x 246' (4.0 x 75.0 m)	359 (300 m ²)	BX114GG
13.1' x 164' (4.0 x 50.0 m)	239 (200m ²)	BX124GG
13.1' x 164' (4.0 x 50.0 m)	239 (200m ²)	BX134GG
13.1' x 164' (4.0 x 50.0 m)	239 (200m ²)	BX154GG
13.1' x 246' (4.0 x 75.0 m)	359 (300 m ²)	BX414GG



FABRIC PINS



SIZE	QUANTITY	PRODUCT CODE
6" (50 mm) Staple	1000/box	3206TP
12" (300 mm) Pin	100/box	3212TP



SILT FENCE



DESCRIPTION	PRODUCT CODE
2' x 100' (.6 x 30 m) rolls with 11 hardwood stakes per roll	3301WE
3' x 100' (.9 x 30 m) rolls with 11 hardwood stakes per roll	3302WE
Premium Silt Fence - AASHTO 3' x 100' (.9 x 30 m)	3302WP



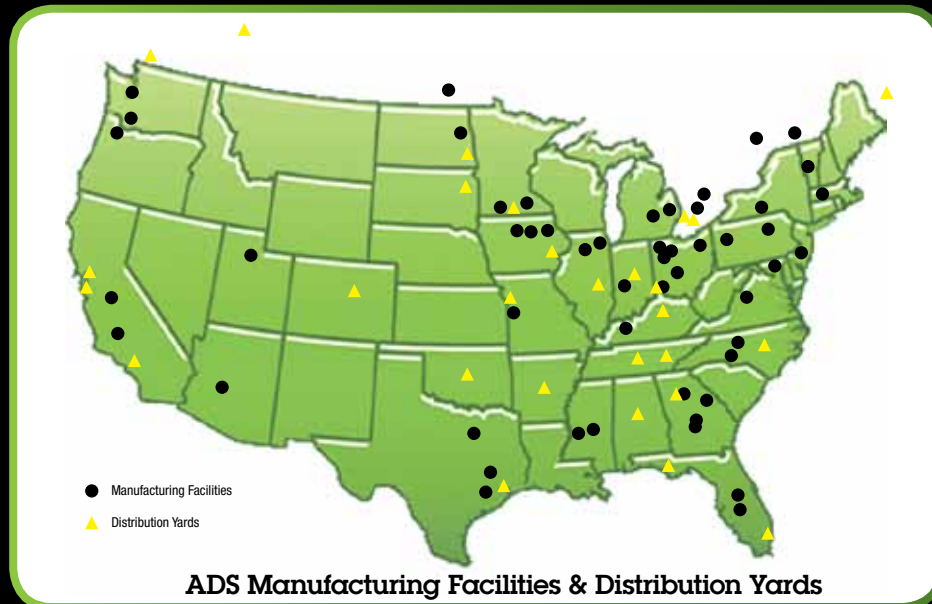
National Specifications

Common ASTM Standards

Pipe Product	Specifications	Descriptions
Single Wall Pipe Standards	ASTM F667	Standard specifications for 3" to 24" (75 to 600 mm) corrugated polyethylene pipe and fittings for non-pressure conveyance of drainage water
	ASTM F477	Elastomeric Seals (Gaskets) for Joining Plastic Pipe Standard Specification
	ASTM D2321	Thermoplastic Pipe Underground Installation for Gravity-Flow Applications
Dual Wall Pipe Standards	ASTM F2306	12" to 60" (300 to 1500 mm) Annular Corrugated Profile-Wall Polyethylene Pipe and Fittings for Gravity-Flow Storm Sewer and Subsurface Drainage Applications
	ASTM D2321	Thermoplastic Pipe Underground Installation for Gravity-Flow Applications
	ASTM F477	Elastomeric Seals (Gaskets) for Joining Plastic Pipe Standard Specification
	ASTM D3212	Joints for Drain and Sewer Plastic Pipes using Flexible Elastomeric Seals (lab test)
Fittings Standards	ASTM F2306	12" to 60" (300 to 1500 mm) Annular Corrugated Profile-Wall Polyethylene Pipe and Fittings for Gravity-Flow Storm Sewer and Subsurface Drainage Applications
	ASTM D2321	Thermoplastic Pipe Underground Installation for Gravity-Flow Applications
	ASTM F477	Elastomeric Seals (Gaskets) for Joining Plastic Pipe Standard Specification
Polypropylene (PP) Pipe Standards	ASTM F2881	Material spec for 12" to 60" (300 to 1500 mm) dual wall polypropylene (PP) pipe with variable pipe stiffness for non-pressure storm sewer system applications
	ASTM F2764*	6" to 60" (750 to 1500 mm) polypropylene (PP) dual wall and triple wall pipe and fittings for non-pressure sanitary sewer applications*
	ASTM D3212	Joints for Drain and Sewer Plastic Pipes using Flexible Elastomeric Seals (lab test)
Geotextiles	ASTM D1117	Standard Guide for Evaluating Nonwoven Fabrics
	ASTM D4355	Standard Test Method for Deterioration of Geotextiles by Exposure to Light, Moisture and Heat
	ASTM D4491	Standard Test Method for Water Permeability of Geotextiles
	ASTM D4533	Standard Test Method for Trapezoid Tearing Strength of Geotextiles
	ASTM D4595	Standard Test Method for Tensile Properties of Geotextiles by the Wide-Width Strip Method
	ASTM D4632	Standard Test Method for Grab Breaking Load and Elongation of Geotextiles
	ASTM D4751	Standard Test Method for Determining Apparent Opening Size of a Geotextile
	ASTM D4833	Standard Test Method for Index Puncture Resistance of Geomembranes
	ASTM D5199	Standard Test Method for Measuring the Nominal Thickness of Geosynthetics
	ASTM D5261	Standard Test Method for Measuring Mass per Unit Area of Geotextiles
	ASTM D5732-01	Standard Test Method for Stiffness of Nonwoven Fabrics Using the Cantilever Test
	ASTM D6241	Standard Test Method for Static Puncture Strength of Geotextiles
	ASTM D6475	Standard Test Method for Measuring Mass per Unit Area of Erosion Control Blankets
	ASTM D6525	Standard Test Method for Measuring Nominal Thickness of Rolled Erosion Control Products
	ASTM D6567	Standard Test Method for Measuring the Light Penetration of a Turf Reinforcement Mat
	ASTM D6637-01	Standard Test Method for Determining Tensile Properties of Geogrids
ASTM D6818	Standard Test Method for Ultimate Tensile Properties of Rolled Erosion Control Products	

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