

Schedule 40 Fittings & Accessories

• Hose Fittings • Solvent Weld For Flexible PVC Hose & • Hose Fittings • For 1/2" Polyethylene (.580 I.D.) Hose



• Hose Fittings • Solvent Weld For Flexible PVC Hose

FHT = Female Hose Thread
 Fipt = Female Iron Pipe Thread
 HS = Hose Socket
 Ins = Male Insert Barb

MHT = Male Hose Thread
 Mipt = Male Iron Pipe Thread
 Soc = IPS Solvent Weld Socket

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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Hose Coupling



C-44	1/2	200	0	020	.93
C-55	5/8	100	0	020	1.23
C-66	3/4	100	0	020	2.35

**90° Ell
MHT x Soc**



EHP-007	3/4	50	0	020	2.62
EHP-101	3/4X1/2	50	0	020	2.24

Hose Tee

MHT x MHT x FHT Swivel with Washer



AP-101	3/4	50	0	020	4.54
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W-100



W-101

Hose Washer

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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Washer Only

W-100	3/4	50	1500	020	.04
W-101	3/4	400	2400	020	1.21

Swivel Adapter

Fipt x FHT Swivel with Washer



AP-105	1/2X3/4	50	200	020	2.95
AP-106	3/4	50	200	020	2.95

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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Swivel Adapter

Mipt x FHT Swivel with Washer



AP-109	3/4	50	200	020	2.95
AP-112	1/2X3/4	50	200	020	2.95

Swivel Adapter

FHT Swivel x FHT Swivel with Washer



AP-110	3/4	50	200	020	2.95
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Female Adapter

FHT Swivel x HS with Washer



F-64	3/4X1/2	100	0	020	2.28
F-65	3/4X5/8	100	0	020	2.43
F-66	3/4	100	0	020	2.51

FHT Swivel x Soc

F-64-P	3/4X1/2	100	0	020	2.28
F-66-P	3/4	100	0	020	2.51

Male Adapter

Mipt x HS



M-44	1/2X1/2	50	300	020	1.27
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MHT x HS

M-64	3/4X1/2	50	300	020	1.29
M-65	3/4X5/8	50	200	020	2.06
M-66	3/4	50	200	020	2.39

MHT x Soc

M-64-P	3/4X1/2	50	200	020	1.27
M-66-P	3/4	50	200	020	2.39

• Hose Fittings • For 1/2" Polyethylene (.580 I.D.) Hose

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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Female Compression Adapter

FHT x Poly Adapter with Insert Expander



F-64B	3/4X1/2	50	600	020	2.06
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Male Compression Adapter

MHT x Poly Adapter with Insert Expander



M-64B	3/4X1/2	100	0	020	1.58
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Hose Tee

Ins x Ins x FHT Swivel

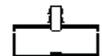


AP-101B	1/2X3/4	50	0	020	3.54
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Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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Transition Tee

Soc x Soc x Ins



1102-007	3/4	50	0	040	3.22
1102-130	1X1/2	200	0	040	3.61
1102-250	2X1-1/4	10	0	040	5.08

Insert Coupling

Ins x Ins



1429-005A	1/2	200	0	140	.98
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Insert Male Adapter

Ins x Mipt



1436-005A	1/2	200	0	140	.82
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Schedule 40 Fittings & Accessories
• Hose Fittings • For 1/2" Polyethylene (.580 I.D.) Hose & Hose Adapters

• Hose Fittings • For 1/2" Polyethylene (.580 I.D.) Hose

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each	Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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Plug
MHT



HPL-6	3/4	100	600	020	2.06
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Hose Closure
For 1/2" Poly Hose



S-HC-1	1/2	200	0	020	.91
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Cap
FHT with Washer



AP-100	3/4	200	0	020	1.72
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Hose Adapters

For Solid Set Or Moveable Aluminum Systems

- Fipt = Female Iron Pipe Thread
- MHT = Male Hose Thread
- Mipt = Male Iron Pipe Thread
- Rebar = Accepts 1/2" Rebar

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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Cross
MHT x MHT x Fipt x MHT



P-101	3/4X3/4X1/2X3/4	125	0	020	8.91
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MHT x MHT x Fipt x Mipt

P-100	3/4	125	0	020	8.91
P-102	3/4X3/4X1/2X3/4	100	0	020	8.91
P-103	3/4X3/4X1/2X1/2	125	0	020	8.91

Rebar Cross
MHT x MHT x Fipt x Rebar



PR-101	3/4X1/2	50	0	020	9.58
PR-103	3/4X3/4X1/2X1/2	50	0	020	9.58

Rebar Ell
MHT x Fipt x Rebar



PR-100	3/4X1/2X1/2	100	0	020	5.04
PR-102	3/4X3/4X1/2	100	0	020	5.04

Schedule 40 Fittings & Accessories
Irrigation Accessories & Sprinkler Accessories



Irrigation Accessories

Spears® PVC Adapter System offers a unique method for expanding field irrigation systems that lends versatility and economy to your project. These adapters are designed to use 1/2", 5/8" or 3/4" vinyl hose, and the Rebar fittings and crosses accept a 1/2" or 3/4" sprinkler base. Transition to the existing system can be accomplished with any one of the threaded outlets offered.

New Installation — Spears® PVC Adapter System is designed with threaded or swivel thread connections which simplify the initial installation and minimize material, manpower and installation costs. Additional savings accrue through a reduction of the number of laterals required.

Improving Existing Systems — The Spears® Adapter System is ideal for updating existing systems because it readily adapts to aluminum or PVC mains and laterals. Expansion or refinement of the irrigation system is easily accomplished through the versatility afforded the user in the location of the new sprinkler heads.

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|---|-------------------------------|
| BSW = British Standard Whitworth Thread | NFT = National Fine Thread |
| FHT = Female Hose Thread | Rebar = Accepts 1/2" Rebar |
| Fipt = Female Iron Pipe Thread | Soc = IPS Solvent Weld Socket |
| MHT = Male Hose Thread | Spig = Spigot |
| Mipt = Male Iron Pipe Thread | |

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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Hose System Riser
Soc x Mipt



RM-64	1/2	75	0	020	5.04
RM-66	3/4	75	0	020	5.04

Hose System Riser
Soc x MHT



RM-66-H	3/4	75	0	020	5.04
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Hose System Riser
Soc x Fipt



RF-64	1/2	75	0	020	6.28
RF-66	3/4	70	0	020	6.28

Trickle Irrigation Hex Cap
Fipt (Less Holes)



T-1	1/2	800	0	020	1.64
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Shrub Adapter
Fipt x NFT



PA2010-01	1/2X10-32	50	300	020	1.27
PA2010-03	1/2X5/16	50	300	020	1.27

Fipt x Fipt

PA2010-02	1/2X1/8	50	300	020	1.27
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Fipt x BSW

PA2010-04	1/2X3/8	50	300	020	1.27
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Shrub Adapter
Soc x NFT



PA2020-01	1/2X10-32	50	300	020	1.27
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Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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Shrub Adapter (continued)
Soc x NFT

PA2020-03	1/2X5/16	50	300	020	1.27
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Soc x Fipt

PA2020-02	1/2X1/8	50	300	020	1.27
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Soc x BSW

PA2020-04	1/2X3/8	50	300	020	1.27
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Transition Nipple
Mipt x MHT (1.790 Length)



N-1	3/4X3/4	50	300	020	1.35
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Mipt x Mipt (1.410 Length)

N-2	3/8X1/2	50	300	020	1.35
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Mipt x MHT (1.872 Length)

N-3	1/2X3/4	50	300	020	1.35
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Mipt x Mipt Polypropylene (1.480 Length)

N-4	3/4X1/2	50	300	020	1.35
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Pipe Support (90° Clip to Body)
Without Nail Holes



PS4-90	1/2	750	0	020	.60
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With Nail Holes

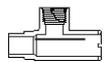
PS4-90N	1/2	750	0	020	.76
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Manifold Tee
Spig x Soc x Mipt



476-010	1	20	0	020	5.98
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Manifold Tee
Spig x Soc x Fipt



477-010	1	25	0	020	5.98
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Sprinkler Accessories

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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Standard Sprinkler Stand
Hose Socket Inlet x Hose Socket Outlet x IPS Riser Outlet



Shown without adapters

ES-443†	1/2X3/8	100	0	020	7.82
ES-444†	1/2X1/2	100	0	020	7.82
ES-543*	5/8X1/2X3/8	75	0	020	9.08

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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Standard Sprinkler Stand (continued)
Hose Socket Inlet x Hose Socket Outlet x IPS Riser Outlet

ES-544*	5/8X1/2X1/2	75	0	020	9.08
ES-553*	5/8X3/8	75	0	020	10.11
ES-554*	5/8X1/2	75	0	020	10.11
ES-653*	3/4X5/8X3/8	75	0	020	11.07
ES-654*	3/4X5/8X1/2	75	0	020	11.07
ES-663*	3/4X3/8	75	0	020	11.59



Schedule 40 Fittings & Accessories Sprinkler Accessories

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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Standard Sprinkler Stand (continued)

Hose Socket Inlet x Hose Socket Outlet x IPS Riser Outlet

ES-664*	3/4X1/2	75	0	020	11.59
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† Dual Connection — Hose Socket Inlets and Outlets accept 1/2" irrigation hose inside, and have 3/4" MHT on the outside.

* Item assembled when ordered — by providing either the ES-443 or ES-444 and one (1) or two (2) F-60 FHT Adapters with the applicable hose Socket size. Check with your servicing Regional Distribution Center for delivery lead time.

Easy Pull Sled

Hose Socket Inlet x Hose Socket Outlet x IPS Riser Outlet



Shown without adapters

EP-443†	1/2X3/8	20	0	020	18.93
EP-444†	1/2	20	0	020	18.93
EP-543*	5/8X1/2X3/8	20	0	020	20.20
EP-544*	5/8X1/2X1/2	20	0	020	20.20
EP-553*	5/8X3/8	20	0	020	21.43
EP-554*	5/8X1/2	20	0	020	21.43
EP-653*	3/4X5/8X3/8	20	0	020	21.71
EP-654*	3/4X5/8X1/2	20	0	020	21.71
EP-663*	3/4X3/8	20	0	020	22.20
EP-664*	3/4X1/2	20	0	020	22.20

† Dual Connection — Hose Socket Inlets and Outlets accept 1/2" irrigation hose inside, and have 3/4" MHT on the outside.

* Item assembled when ordered — by providing either the EP-443 or EP-444 and one (1) or two (2) F-60 FHT Adapters with the applicable hose Socket size. Check with your servicing Regional Distribution Center for delivery lead time.

Tow-Line Tee

Soc



Assembled as shown

TL-112	1X1X1/2	15	0	020	12.61
TL-123	2X2X1/2	25	0	020	15.12

Soc x Soc x Fipt

TL-112-1	1X1X1/2	30	0	020	13.62
TL-116-1	1-1/4X1-1/4X1/2	30	0	020	13.88
TL-120-1	1-1/2X1-1/2X1/2	25	0	020	14.39
TL-123-1	2X2X1/2	25	0	020	15.64

NOTE: The Tow-Line Tee is used in conjunction with PVC Schedule 40 Pipe with solvent weld connection.

Hose Cross - with Legs

Hose Socket Inlet x Hose Socket Outlet x IPS Riser Outlet



Shown without adapters

HC-443†	1/2X3/8	60	0	020	9.08
HC-444†	1/2X1/2	60	0	020	9.08
HC-543*	5/8X1/2X3/8	60	0	020	10.35
HC-544*	5/8X1/2X1/2	60	0	020	10.35
HC-553*	5/8X3/8	60	0	020	11.59
HC-554*	5/8X1/2	60	0	020	11.59
HC-653*	3/4X5/8X3/8	60	0	020	12.36
HC-654*	3/4X5/8X1/2	60	0	020	12.36
HC-663*	3/4X3/8	60	0	020	13.12
HC-664*	3/4X1/2	60	0	020	13.12

† Dual Connection — Hose Socket Inlets and Outlets accept 1/2" irrigation hose inside, and have 3/4" MHT on the outside.

* Item assembled when ordered — by providing either the HC-443 or HC-444 and one (1) or two (2) F-60 FHT Adapters with the applicable hose Socket size. Check with your servicing Regional Distribution Center for delivery lead time.

NOTE: Hose Crosses are standard with 4" legs. 8" legs are available upon request. Add "-8" at the end of above Part Numbers for 8" legs (for example: HC-443-8). Contact your servicing Regional Distribution Center for pricing.

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
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Hose Cross - Less Legs

Hose Socket Inlet x Hose Socket Inlet x IPS Riser Outlet



Shown without adapters

HC-443-1†	1/2X3/8	220	0	020	4.54
HC-444-1†	1/2X1/2	200	0	020	4.54
HC-543-1*	5/8X1/2X3/8	60	0	020	6.28
HC-544-1*	5/8X1/2X1/2	60	0	020	6.28
HC-553-1*	5/8X3/8	50	0	020	8.32
HC-554-1*	5/8X1/2	50	0	020	8.32
HC-653-1*	3/4X5/8X3/8	60	0	020	8.59
HC-654-1*	3/4X5/8X1/2	60	0	020	8.59
HC-663-1*	3/4X3/8	60	0	020	9.08
HC-664-1*	3/4X1/2	60	0	020	9.08

† Dual Connection — Hose Socket Inlets and Outlets accept 1/2" irrigation hose inside, and have 3/4" MHT on the outside.

* Item assembled when ordered — by providing either the HC-443-1 or HC-444-1 and one (1) or two (2) F-60 FHT Adapters with the applicable hose Socket size. Check with your servicing Regional Distribution Center for delivery lead time.

Schedule 40 Fittings & Accessories Dri-Splice Wire Connectors

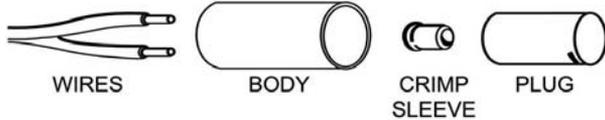


For use in electrical systems with 30v or less.

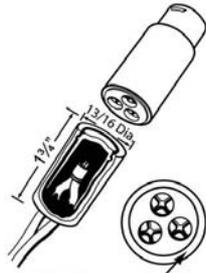
The Spears® Dri-Splice Seal designed into each wire hole enables you to stock one connector for all applications. The Dri-Splice Seal features an interference webbing which expands to accommodate #18 through #6 gauge wire sizes. In the event only two holes are used, the Dri-Splice Seal prevents sealant from leaking out through the third hole.

SOLD IN STANDARD PACK QUANTITIES ONLY

DS-100/DS-150 & DS-400/DS-450 Dri-Splice Wire Connector Installation Information



1. Insert wires through holes in base of body.
2. Twist stripped wires together and apply crimp sleeve with an indent type crimping tool. Trim excess bare wire.
3. DS-100 & DS-150 ONLY — Fill Plug to brim with DS-300 sealant.
4. Invert body and insert plug into body until it snaps tight.
5. Push wires all the way into the plug to completely seal the crimp sleeve.
6. DS-100 & DS-150 ONLY — Be certain sealant has formed into all holes in body.



Web Design
allows easy insertion of wire, expands to appropriate wire size and seals any unused holes to prevent sealant run out

DS-100 & DS-150 Dri-Splice

- DS-100 fits AWG #18, #14, #12, or #10
- DS-150 fits AWG #14, #12, #10, #8, or #6
- Designed to insure waterproof connections
- Easily installed in the field without special tools
- Permanent protection for underground wire splices
- Requires the use of DS-300 Sealant

DS-400 & DS-450 Pre-Filled Dri-Splice

- All the features of the DS-100 or DS-150, plus the added benefit of being pre-filled with Dielectric Silicone Sealant
- Reduced inventory requirements
- Insures proper amount and type of Sealant every time
- Eliminates costly waste and clean-up
- Makes installations quick, clean and efficient

Dri-Splice Wire Connectors

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
Dri-Splice Wire Connector with Crimp Sleeve (Sealant sold separately)					
DS-100	AWG #18, #14, #12, #10	25	400	020	1.46
DS-150	AWG #14, #12, #10, #8, #6	25	400	020	1.75

Pre-Filled Dri-Splice Wire Connector with Crimp Sleeve

DS-400	AWG #18, #14, #12, #10	25	400	020	3.19
DS-450	AWG #14, #12, #10, #8, #6	25	400	020	3.47

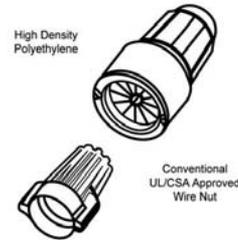
Crimp Sleeves

DS-200	AWG #18, #14, #12, #10	25	15000	901	.25
DS-250	AWG #14, #12, #10, #8, #6	25	12500	901	.53

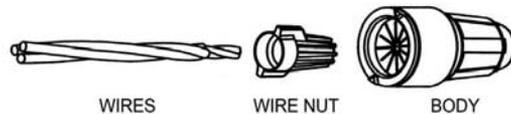
Dri-Splice Sealant For DS-100 and DS-150

(Approx. 30 connections per 5 oz. tube)

DS-300	AWG #18, #14, #12, #10	24	0	022	15.29
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DS-500 Dri-Splice Wire Connector Installation Information



1. Strip wires and install wire nut.
2. wire nut wings with arrows and insert fully into body.

Sealant: **Dri-Splice Wire Connector General Information**
DS-300 Sealant* (for DS-100 & DS-150) -MSDS available upon request.

DS-400 & DS-450 Dielectric Silicone Sealant*-defined as an Article, per OSHA 29 CFR 1910, 1200, which does not require an MSDS.

DS-500 Dielectric Silicone Sealant*-defined as an Article, per OSHA 29 CFR 1910, 1200, which does not require an MSDS.

Shelf Life: **DS-300** (unopened tube)— One Year*
DS-400 & DS-450 — Indefinite at 73°F (23°C)*
DS-500— Indefinite at 73°F (23°C)*

Electrical Systems: For use in electrical systems with 30v or less. UL Listing NOT required in most areas.

DS-100/DS-150 & DS-400/DS-450

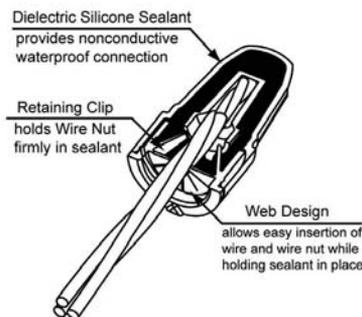
Plug— PVC
Body— PVC

Components: **Crimp Sleeve**— UL and CSA Listed for 18 - 10 awg solid or stranded copper conductors.

DS-500 Components: **Body**— Polyethylene

Wire Nut— Twist-On Spring Type - UL/CSA Listed for 22 - 10 awg solid or stranded copper wire.

* Information developed and furnished by the Sealant Manufacturers. For additional information, please contact Spears® Technical Services Department.



DS-500 Dri-Splice Wire Connector For use in electrical systems with 30v or less.

Spears® NEW DS-500 Dri Splice Wire Connector is the fast, reliable and clean way of making positive, waterproof connections you can depend on. Simply twist Wire Nut on and insert into Dielectric Silicone Sealant Cartridge. The DS-500 is specially designed for irrigation systems and low voltage lighting, marine and security systems and suitable for direct burial.

- Allows full assembly and check of connection prior to sealing
- Accepts wire combinations from 3 #22 to 3 #10 AWG solid or stranded copper wire
- Special "No-Mess" cartridge design fully encloses sealant
- Internal interlock prevents disengagement of wire nut from sealant cartridge

Dri-Splice Wire Connectors

Part Number	Size	Std Pk	Mstr Ctn	Disc Code	Price Each
Pre-Filled Dri-Splice Wire Connector with Wire Nut					
DS-500	3 AWG #22-#10	25	500	020	3.19