



A CSW Industrials Company

Electrical *Product Catalog*

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Wire Pulling Tools

Wire Snagger™ •

Single-Use Wire Grabber™ •

WIRE Snagger™
REUSABLE WIRE PULLING TOOL

WIRE Grabber™
SINGLE USE WIRE PULLING TOOL

Professional wire pulling tools



Reusable Wire Snagger
secures unstripped wire
with spring activated teeth.
Screw cap allows wire
release after use.

Beveled edge.
Easier pull around
corners

Heavy duty
staggered Lanyards

Single-use Wire Grabber
secures stripped wire using
standard crimping tool.

Crimp zones bands
match crimping die
size colors

Wire Snagger and Wire Grabber
staggered lanyards lengths allow easier pull
through 90° bends.



proven to dramatically reduce wire pull labor time.



CHOOSE SINGLE USE OR REUSABLE TOOLS



Wire Snagger™

Wire Snagger™ reusable tools are machined from solid, stainless steel, high-temperature treated, spring-activated teeth. Providing a stronger grip and a shorter tool body for better navigation through conduit and longer lanyards for better tool spacing, Wire Snagger™ is the best wire pulling tool on the market. It replaces Pulling Grips, Pulling Knuckles and other less efficient and secure methods. Wire Snagger's have been used by national electrical contracting firms with tremendous success. Wire Snagger™ tools are machined from solid high-temperature treated stainless steel to exacting standards and their patented design revolutionizes the way wire is pulled. They are faster, safer and more durable than any other method of pulling wire. RectorSeal® has combined experience and ingenuity into a tool that saves contractors time and money on every wire pull. Available in 20 sizes or a complete set.



Wire Grabber™

Simple-Easy-Reliable-Durable low cost single use device for pulling wire. Use once and then recycle along with scrap wire. The RectorSeal® Single-Use Wire Grabber™ is available in 18 sizes (8 AWG through 1000 mcm) to be used in sets to accommodate jobs of different sizes. Works on 600 volts through 35 KV wire and rated for both copper and aluminum wire. The lanyards are available in a variety of lengths to make staggering multiple wire pulls effortless especially through and around nineties. The small pulling head reduces friction; therefore there is no need to oversize conduit to accommodate the pulling head. Grips stripped wire using standard crimping tool and die set.





REUSABLE WIRE SNAGGER™

Wire Snagger™

Reusable single lanyard device with spring loaded teeth

Code	Description	Qty.
97961	WS-3/0 13" wire lanyard	1
97962	WS-3/0 20" wire lanyard	1
97963	WS-3/0 27" wire lanyard	1
97964	WS-3/0 34" wire lanyard	1
97965	WS-4/0 13" wire lanyard	1
97966	WS-4/0 20" wire lanyard	1
97967	WS-4/0 27" wire lanyard	1
97968	WS-4/0 34" wire lanyard	1
97969	WS-350 13" wire lanyard	1
97970	WS-350 22" wire lanyard	1
97971	WS-350 31" wire lanyard	1
97972	WS-350 40" wire lanyard	1
97973	WS-500 13" wire lanyard	1
97974	WS-500 22" wire lanyard	1
97975	WS-500 31" wire lanyard	1
97976	WS-500 40" wire lanyard	1
97977	WS-600 13" wire lanyard	1
97978	WS-600 22" wire lanyard	1
97979	WS-600 31" wire lanyard	1
97980	WS-600 40" wire lanyard	1

Wire specification chart - page 10



CLICK



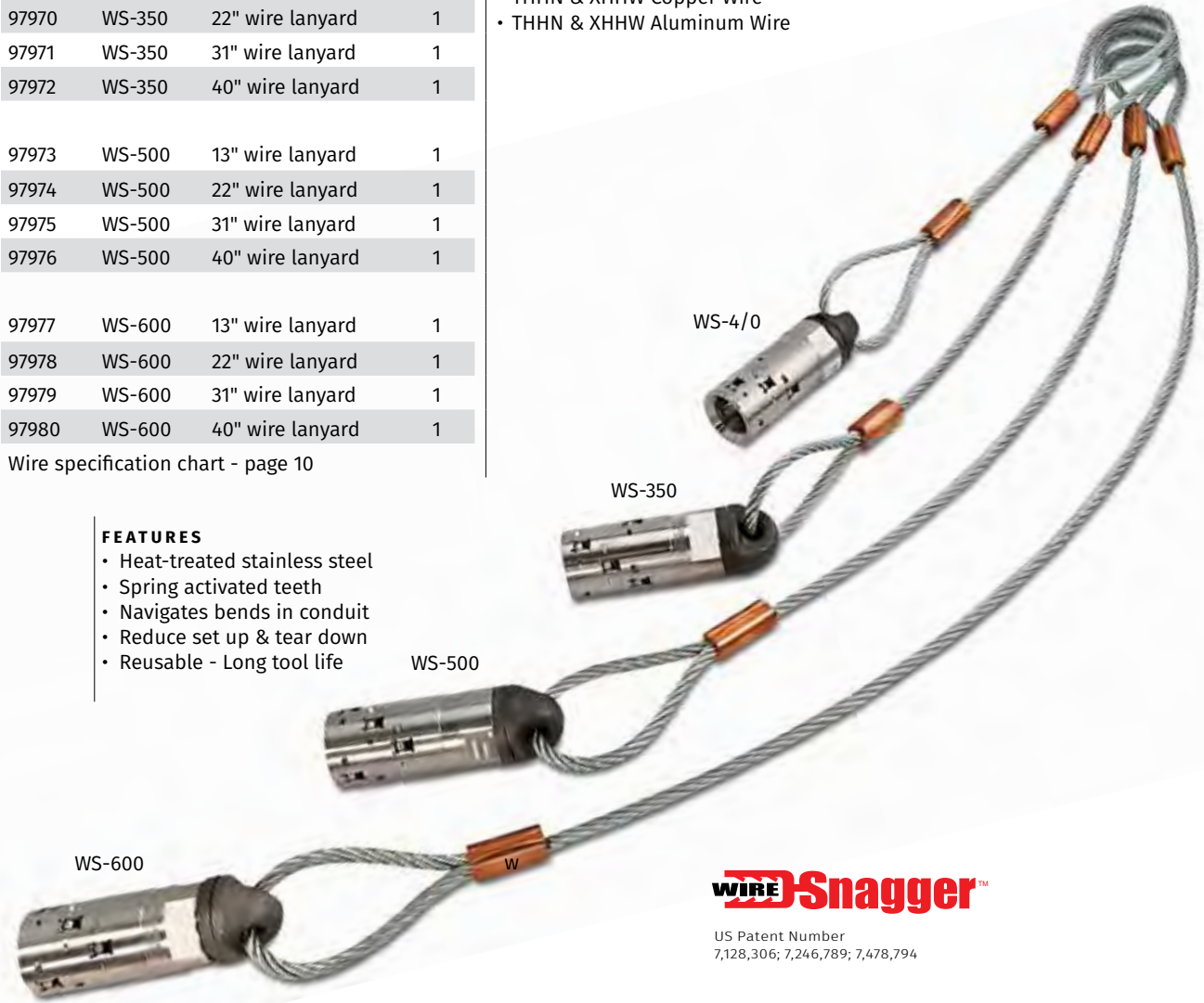
SNAG



PULL

APPLICATION • Easy to use wire pulling device • Save time & reduce labor costs • No need to strip, tape, trim or tie wires • Longer lanyards reduce congestion in conduit

RECOMMENDED FOR
 • THHN & XHHW Copper Wire
 • THHN & XHHW Aluminum Wire



FEATURES

- Heat-treated stainless steel
- Spring activated teeth
- Navigates bends in conduit
- Reduce set up & tear down
- Reusable - Long tool life

WIRE Snagger™

US Patent Number
 7,128,306; 7,246,789; 7,478,794

Wire Snagger™ Master Set

Single lanyard set with carry case

Code	Description	Qty.
97958	WS Master Set	1

- FEATURES**
- Complete Set
 - 20 tools and accessories
 - Rugged tool case

APPLICATION • All the features of Wire Snagger in a complete kit • Kit includes

- (4) WS-3/0 w/ 13", 20", 27" & 34" lanyards
- (4) WS-4/0 w/ 13", 20", 27" & 34" lanyards
- (4) WS-350 w/ 13", 22", 31" & 40" lanyards
- (4) WS-500 w/ 13", 22", 31" & 40" lanyards
- (4) WS-600 w/ 13", 22", 31" & 40" lanyards
- (1) 3000 lbs. clevis clip
- (1) 11,000 lbs. clevis clip
- (1) 50" lanyard extension

US Patent Number
7,128,306; 7,246,789;
7,478,794





SINGLE-USE WIRE GRABBER™

Wire Grabber™

FEATURES

- Low initial cost
- Lugs are disposable w/wire
- Save time & money
- Secure with crimping tool
- Bands on body match crimping die size color



Disposable single lanyard device with dual crimp zones



STRIP



CRIMP



PULL

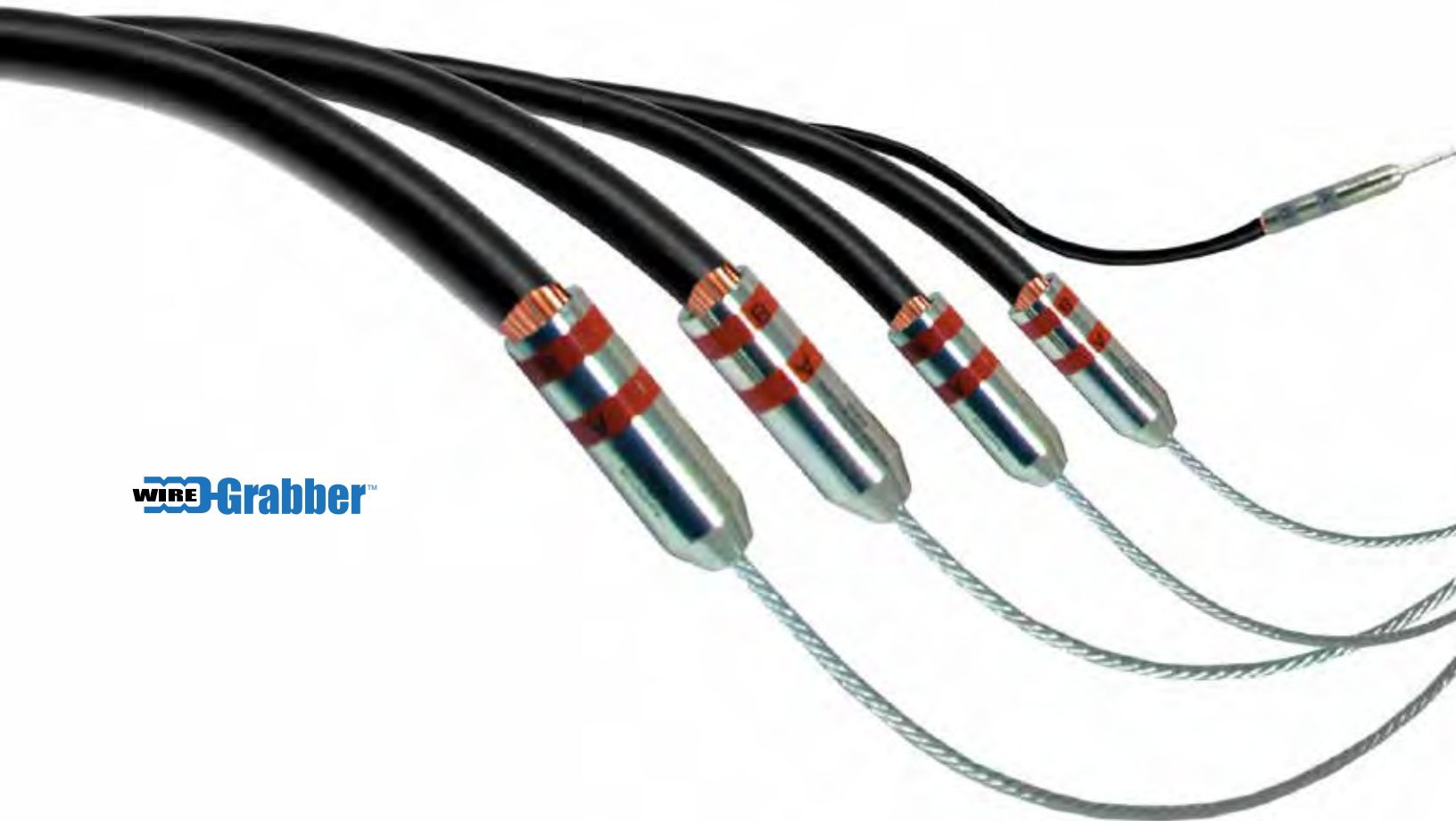
APPLICATION

- Single-use tool reduces set-up time & waste
- Compact tool body easily pulls around bends
- Staggered lanyards reduce pulling friction

RECOMMENDED FOR

- THHN & XHHW copper wire
- THHN & XHHW aluminum wire
- Medium and High voltage wire

WIRE Grabber™



SINGLE-USE WIRE GRABBER™



AWG WIRE

Code	Description	Qty.
98120	SU8 AWG 11" wire lanyard	6
98117	SU8 AWG 15" wire lanyard	6
98118	SU8 AWG 19" wire lanyard	6
98119	SU8 AWG 23" wire lanyard	6
98137	SU6 AWG 11" wire lanyard	6
98138	SU6 AWG 15" wire lanyard	6
98139	SU6 AWG 19" wire lanyard	6
98140	SU6 AWG 23" wire lanyard	6
98133	SU4 AWG 11" wire lanyard	6
98134	SU4 AWG 15" wire lanyard	6
98135	SU4 AWG 19" wire lanyard	6
98136	SU4 AWG 23" wire lanyard	6
98129	SU3 AWG 11" wire lanyard	6
98130	SU3 AWG 15" wire lanyard	6
98131	SU3 AWG 19" wire lanyard	6
98132	SU3 AWG 23" wire lanyard	6
98125	SU2 AWG 11" wire lanyard	6
98126	SU2 AWG 15" wire lanyard	6
98127	SU2 AWG 19" wire lanyard	6
98128	SU2 AWG 23" wire lanyard	6
98121	SU1 AWG 11" wire lanyard	6
98122	SU1 AWG 15" wire lanyard	6
98123	SU1 AWG 19" wire lanyard	6
98124	SU1 AWG 23" wire lanyard	6
98141	SU1/0 AWG 14" wire lanyard	6
98142	SU1/0 AWG 21" wire lanyard	6
98143	SU1/0 AWG 28" wire lanyard	6
98144	SU1/0 AWG 35" wire lanyard	6
98145	SU2/0 AWG 14" wire lanyard	6
98146	SU2/0 AWG 21" wire lanyard	6
98147	SU2/0 AWG 28" wire lanyard	6
98148	SU2/0 AWG 35" wire lanyard	6
98149	SU3/0 AWG 14" wire lanyard	6
98150	SU3/0 AWG 21" wire lanyard	6
98151	SU3/0 AWG 28" wire lanyard	6
98152	SU3/0 AWG 35" wire lanyard	6
98153	SU4/0 AWG 14" wire lanyard	6
98154	SU4/0 AWG 21" wire lanyard	6
98155	SU4/0 AWG 28" wire lanyard	6
98156	SU4/0 AWG 35" wire lanyard	6

MCM WIRE

Code	Description	Qty.
98157	SU250 MCM 14" wire lanyard	6
98158	SU250 MCM 21" wire lanyard	6
98159	SU250 MCM 28" wire lanyard	6
98160	SU250 MCM 35" wire lanyard	6
98161	SU300 MCM 14" wire lanyard	6
98162	SU300 MCM 21" wire lanyard	6
98163	SU300 MCM 28" wire lanyard	6
98164	SU300 MCM 35" wire lanyard	6
98165	SU350 MCM 14" wire lanyard	6
98166	SU350 MCM 21" wire lanyard	6
98167	SU350 MCM 28" wire lanyard	6
98168	SU350 MCM 35" wire lanyard	6
98169	SU400 MCM 14" wire lanyard	6
98170	SU400 MCM 21" wire lanyard	6
98171	SU400 MCM 28" wire lanyard	6
98172	SU400 MCM 35" wire lanyard	6
98173	SU500 MCM 14" wire lanyard	6
98174	SU500 MCM 21" wire lanyard	6
98175	SU500 MCM 28" wire lanyard	6
98176	SU500 MCM 35" wire lanyard	6
98177	SU600 MCM 14" wire lanyard	6
98178	SU600 MCM 21" wire lanyard	6
98179	SU600 MCM 28" wire lanyard	6
98180	SU600 MCM 35" wire lanyard	6
98181	SU750 MCM 14" wire lanyard	6
98182	SU750 MCM 21" wire lanyard	6
98183	SU750 MCM 28" wire lanyard	6
98184	SU750 MCM 35" wire lanyard	6
98185	SU1000 MCM 14" wire lanyard	6
98186	SU1000 MCM 21" wire lanyard	6
98187	SU1000 MCM 28" wire lanyard	6
98188	SU1000 MCM 35" wire lanyard	6



WIRE SNAGGER™ LOAD CHART



WIRE SNAGGER™ SPECIFICATIONS FOR THHN & XHHW COPPER WIRE

Wire Snagger™	Wire Size	Max Intermittent Load (lbs)		Max Continuous Load (lbs)		Min conductor dia. (in)	Max conductor dia. (in)	Max overall dia. (in)	Minimum EMT Conduit Size (in)				
		One Tool	Five Tools	One Tool	Five Tools				1 Wire	2 Wires	3 Wires	4 Wires	5 Wires
WS 3/0	2/0	1000	5000	600	3000	0.376	0.470	0.590	1-½	2	2	2*	2-½
	3/0	1000	5000	600	3000				1-½	2	2*	2*	2-½
WS 4/0	4/0	1600	8000	1000	5000	0.475	0.575	0.720	2	2-½	2-½	2-½	2-½*
	250 MCM	2400	12000	1400	7000				2	2-½	2-½	2-½	2-½*
WS 350	350 MCM	2400	12000	1400	7000	0.616	0.681	0.825	2	2-½	2-½	2-½	3
WS 500	500 MCM	3600	18000	2200	11000	0.736	0.813	0.960	2-½	3	3	3*	3-½
WS 600	600 MCM	3600	18000	2200	11000	0.813	0.893	1.080	2-½	3	3*	3-½	4

For use on THHN & XHHN copper wire only.

*May require special service (such as removing bushing and installing extra guide pulleys) when pulling Max diameter wires through Min size conduit.

WIRE SNAGGER™ SPECIFICATIONS FOR THHN & XHHW ALUMINUM BUILDING WIRE

Wire Snagger™	Wire Size	Max Number Strands ¹	Max Intermittent Load (lbs)		Max Continuous Load (lbs)		Min conductor dia. (in)	Max conductor dia. (in)	Min insulation dia. (in)	Max insulation dia. (in)	Minimum EMT Conduit Size (in)			
			One Tool	Four Tools	One Tool	Four Tools					1 Wire	2 Wires	3 Wires	4 Wires
WS 3/0	2/0	12	800	3200	600	2400	0.379	0.461	0.489	0.589	1-½	2	2	2
	3/0	18	900	3600	700	2800					1-½	2	2	2
	3/0 (E194343) ²	19	550	2200	400	1600					1-½	2	2	2
	4/0 (Simpull)	19	1000	4000	750	3000					2	2-½	2-½	2-½
WS 4/0	4/0	19	1000	4000	750	3000	0.461	0.520	0.589	0.655	2	2-½	2-½	2-½
	250 MCM	23	1000	4000	750	3000					2	2-½	2-½	2-½
	250 MCM	35	900	3600	650	2600					2	2-½	2-½	2-½
WS 350	350 MCM	35	2000	8000	1400	5600	0.600	0.659	0.746	0.789	2	2-½	2-½	2-½
	350 MCM	37	1600	6400	1200	4800					2	2-½	2-½	2-½
	400 MCM	35	2600	10400	1900	7600					2	2-½	2-½	2-½
WS 500	500 MCM (E194343) ²	35	1400	5600	1000	4000	0.720	0.795	0.866	0.971	2-½	3	3	3
	500 MCM	37	3000	12000	2200	8800					2-½	3	3	3
	600 MCM (Simpull)	41	3300	13200	2200	8800					2-½	3	3	3
WS 600	600 MCM	61	2600	10400	1900	7600	0.813	0.911	0.973	1.071	2-½	3	3	3-½

Notes: 1. Pulling loads for any given wire size decreases as the number of strands increase. 2. Pulling loads vary according to material properties.

3. Contact RectorSeal for wire configurations different from those depicted in this table



SINGLE-USE WIRE GRABBER™ LOAD CHART



WIRE GRABBER™ SPECIFICATIONS FOR COPPER & ALUMINUM WIRE

Single-Use Wire Grabber™	Wire Size	Max Load (lbs)		Min conductor dia. (in)	Max conductor dia. (in)	Minimum EMT Conduit Size (in)					Crimper
		One Tool	Five Tools			1 Wire	2 Wires	3 Wires	4 Wires	5 Wires	
SU 8	8 AWG	130	650	0.134	0.146	-	-	-	-	-	12 to 15 ton Die Crimper or Dieless Crimper
SU 6	6 AWG	210	1050	0.169	0.184	-	-	-	-	-	
SU 4	4 AWG	300	1500	0.213	0.232	-	-	-	-	-	
SU 3	3 AWG	400	2000	0.238	0.260	-	-	-	-	-	
SU 2	2 AWG	500	2500	0.268	0.292	-	-	-	-	-	
SU 1	1 AWG	669	3345	0.299	0.332	-	-	-	-	-	
SU 1/0	1/0 AWG	2000	10000	0.336	0.373	1	1-¼	1-¼	1-½	2	
SU 2/0	2/0 AWG	2000	10000	0.376	0.419	1	1-¼	1-½	2	2	
SU 3/0	3/0 AWG	2000	10000	0.423	0.470	1	1-½	1-½	2	2-½	
SU 4/0	4/0 AWG	2000	10000	0.475	0.528	1-¼	1-½	2	2	2-½	
SU 250	250 MCM	2000	10000	0.520	0.575	1-¼	2	2	2-½	2-½	
SU 300	300 MCM	2400	12000	0.570	0.631	1-¼	2	2	2-½	2-½	
SU 350	350 MCM	2400	12000	0.616	0.681	1-½	2	2-½	2-½	3	
SU 400	400 MCM	2400	12000	0.659	0.728	1-½	2-½	2-½	2-½	3	
SU 500	500 MCM	4000	20000	0.736	0.813	1-½	2-½	2-½	3	3-½	
SU 600	600 MCM	4200	21000	0.813	0.893	2	2-½	3	3	3-½	15 ton Die Crimper
SU 750	750 MCM	4300	21500	0.908	0.998	2	3	3	3-½	4	
SU 1000	1000 MCM	5000	25000	1.060	1.153	2	3	3-½	4	4-½	

For use on THHN & XHHN copper & aluminum wire only.

*May require special service (such as removing bushing and installing extra guide pulleys) when pulling Max diameter wires through Min size conduit.



WIRE PULLING ACCESSORIES

Clevis Clip

Code	Description	Qty
97949	3000 lbs. 1-1/4"	6
97998	11,000 lbs. 1-3/4" x 3-1/2"	2

- FEATURES**
- Made of hardened steel
 - Connect extensions (3000 lbs.)
 - Connect multiple tools to pulling rope (11,000 lbs)

Join or link multiple lanyards



Up to 1" pulling rope



Connect multiple lanyards



Replace and tighten pin



Firestopping

Intumescent Sealants •

Pipe Collars and Sleeves •

Electrical Box Firestop •

Putty Sticks and Pads •

Cable Coating •

Joint Strip •

Cable Protection •



METACALK® FIRESTOP SEALANTS

Metacaulk® 1000

Intumescent, water-based firestop sealant

Code	Description	Qty.
66640	10.3 oz. cartridge	12
66303	30 oz. cartridge	12
66312	20.2 oz. sausage pack	12
66309	5 gal.	14



FEATURES

- UL Classified systems up to 4 hrs.
- Class 1 W Rating
- Highly intumescent
- Excellent freeze-thaw
- For interior use - paintable
- VOC compliant - CDPH Standard Method v1.2
- 3 year shelf life
- STC rating 62
- Tested in accordance with ASTM E814 (UL 1479) & ASTM E1966 (UL 2079)
- Mold inhibitor tested to ASTM G21
- Complies to UL required Accelerated Aging and High Humidity Testing
- Color: Red

APPLICATION • Will prevent the spread of fire through joint openings and through-penetrations • No dilution or mixing required • Can be used in areas under constant vibration and movement • Use in fire-rated gypsum wallboard partitions, concrete walls or floors, wood floors and concrete or corrugated steel deck floor/ceiling assemblies

RECOMMENDED FOR • Metal pipes • Insulated pipes • Fiberglass & plastic pipes • Wall construction joints • Power & telephone cables



Metacaulk® 350i

Elastomeric seal firestop sealant

Code	Description	Qty.
66616	10.3 oz. cartridge	12
66611	20.2 oz. sausage pack	12
66613	5 gal.	1



FEATURES

- Flexible cure
- Excellent freeze-thaw
- For interior use - paintable
- STC rating 53
- Complies to UL required Accelerated Aging and High Humidity Testing

APPLICATION • One component, general purpose sealant and smoke seal • Intumescent, water-based, non-sag caulking and sealant that is easy to apply • Great for retrofits • Suitable for dynamic

RECOMMENDED FOR • Metal pipes • pipes • Wall construction joints • Pow



FBC™ System Compatible indicates that this product has been tested, and is monitored on an ongoing basis, to assure its chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzan® piping systems and products made with TempRite® Technology. The FBC System Compatible Logo, FBC™, FlowGuard Gold®, BlazeMaster®, Corzan® and TempRite® are trademarks of Lubrizol Advanced Materials, Inc. or its affiliates.

METACAULK® FIRESTOP SEALANTS

Metacaulk® MC 150+

General purpose firestop sealant

Code	Description - (Red)	Qty.
66648	10.3 oz. cartridge	12
66383	30 oz. cartridge	12
66385	20.2 oz. foil pack	12
66389	5 gal.	1
Code	Description - (Gray)	Qty.
66424	20.2 oz. foil pack- Gray	12
66425	5 gal. Gray	1



FEATURES

- Flexible
- Non-sag
- UL Classified up to 4 hrs.
- Class 1 W Rating
- 3 year shelf life
- Tested in accordance with ASTM E814 (UL 1479) & ASTM E1966 (UL 2079)
- VOC compliant - CDPH Standard Method v1.2
- STC rating 65
- Mold inhibitor tested to ASTM G21
- Color: Red/Gray

APPLICATION • One component, general purpose fire-rated sealant and smoke seal for construction joints and through-penetrations on both horizontal and vertical surfaces

- Non-sag caulking grade sealant that is easy to apply as well as to retrofit
- Can be used in areas under constant vibration or movement

RECOMMENDED FOR

- Metal pipes
- Insulated pipes
- Fiberglass and plastic pipes
- Wall construction joints
- Power and telephone cables
- HVAC, bus ducts • Misc. electrical applications



Metacaulk® 835+

Elastomeric, silicone firestop sealant

Code	Description	Qty.
66645	10.15 oz. cartridge	12
66019	5 gal.	1
66300	20.2 oz caulk grade	12
66301	20.2 oz self-leveling	12



FEATURES

- Exterior / Interior use
- Weather/chemical resistant
- STC rating 55
- Meets ASTM C920, Type S, Grade NS, Class 25, Use NT, Mm G, A, O

APPLICATION • Used in systems where dynamic movement is expected

- Resistant to chemical exposure

RECOMMENDED FOR

- Cable and cable trays
- EMT
- Insulated and uninsulated steel pipe
- Construction and control joints
- Interior expansion joints



*FBC™ System Compatible indicates that this product has been tested, and is monitored on an ongoing basis, to assure its chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzan® piping systems and products made with TempRite® Technology.

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METACALK® FIRESTOP DEVICES

Metacaulk® Pipe Collars

Code	Description	Qty.
66352	1-½" Pipe Collar	12
66353	2" Pipe Collar	12
66350	3" Pipe Collar	6
66351	4" Pipe Collar	6
66354	6" Pipe Collar	2



FEATURES

- No measurements of material
- Fits in limited access areas
- 25% reduction of installation times
- Complies to UL required Accelerated Aging and High Humidity Testing

Prefabricated firestop system

APPLICATION • UL classified for both open and closed pipe systems • Simple locking mechanism for easy installation

RECOMMENDED FOR • PVC • CPVC • ABS • PVC foam core • ABS foam core • FRPP • PEX pipe • Electrical cable

Contact Tech Services for other options.



Metacaulk® Intumescent Sleeve

Firestop seal

Code	Description	Qty.
66584	For 2", 3" & 4" Pipe	6
66582	For 6" & 8" Pipe	1



FEATURES

- No steel bolts or fasteners
- Can be retrofitted
- Flexible
- Complies to UL required Accelerated Aging and High Humidity Testing

APPLICATION • Firestop through penetrations with a single sleeve • Ideal for combustible pipes penetrating a concrete fluted deck assembly.

RECOMMENDED FOR • PVC • cc-PVC • CPVC • FRPP • PP • ABS • PP-R • Rigid non-metallic conduit installations



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METACALK® OUTLET FIRESTOP

Cover Guard™

Fire-rated gasket for electrical boxes

Code	Description	Qty.
66270	Double receptacle	50
66272	Single receptacle	50
66274	Double switch	50
66276	Single switch	50
66265	Single decor	50
66266	Double decor	50



FEATURES

- Reduces sound transmission
- Easy to install
- Highly intumescent
- STC rating 54
- Complies to UL required Accelerated Aging and High Humidity Testing

APPLICATION • A single component fire-rated gasket for use with electrical boxes to comply with the "24 inch rule" • Fits under the cover plate and does not take up volume



Box Guard™

Fire-rated pad for electrical boxes

Code	Description	Qty.
66366	Single box	50
66367	Double box	50
66369	4 ^{-11/16"} x 4 ^{-11/16"}	50



FEATURES

- Adheres to back of electrical box
- Non-conductive
- Highly intumescent
- STC rating 53
- Complies to UL required Accelerated Aging and High Humidity Testing

APPLICATION • One component fire-rated for use in electrical boxes • It is inserted on the inside back wall of an electrical box prior to wiring



Putty Sticks & Pads

Fire-rated putty

Code	Description	Qty.
66345	18 cu./in. - stick	12
66340	6" x 7" x 1/8" thick	20
66335	7" x 7" x 1/8" thick	20



FEATURES

- Applied by hand
- No asbestos fillers
- Pads - STC rating 60
- For interior use
- Adheres to all common building surfaces

APPLICATION • Putty sticks are used to seal around penetrating items through fire-rated walls, floors and within blank openings • Putty pads are used to maintain the hourly rating of fire-rated walls containing electrical outlet boxes and to reduce sound transmission • Hand moldable with no curing time





METACALK® FIRESTOP PRODUCTS

Composite Sheet

For large openings with or without penetrating items

Code	Description	Qty.
66320	36" x 36"	1



FEATURES

- Light weight
- Thinner sheets
- Re-enterable
- No VOC
- Complies to UL required Accelerated Aging and High Humidity Testing

APPLICATION • Rigid fire resistive panel used to seal penetrations and restore the fire rating to floor/ceilings or walls • Made of reinforced, highly intumescent material bonded on one side to a galvanized steel sheet • Ideal for clean room applications



FRM

Fire rated mortar - For large openings

Code	Description	Qty.
66334	45 lbs. bag	1



FEATURES

- Non-sag adjustable consistency
- High yield per lb.
- No special tools needed
- Tested in accordance with ASTM E814 (UL 1479)
- 2 year shelf life
- Color: Red

APPLICATION • Rapid hardening gypsum/cement compound for large openings • Sets without shrinking and can form a rigid, gas tight, fire resistant seal • Can be cut or drilled and resealed

RECOMMENDED FOR

- Power cables • Fiber optic
- Telephone cables • Aluminium or steel cable trays • EMT
- Copper • Steel • Cast iron pipe



Firestop Pillows

For large temporary openings

Code	Description (Pillows)	Qty.
66362	2" x 9" x 6"	10
66363	3" x 9" x 6"	10



FEATURES

- Forms a very strong char
- No wire mesh required
- Easy to install - no tools
- Complies to UL required Accelerated Aging and High Humidity Testing

APPLICATION • Intumescent • Designed for use primarily in large temporary or frequently accessed openings with cables, cable trays, blank openings or multiple penetrations



C70 Industrial Coating

Code	Description	Qty
50250	5 gal.	1
50253	5 gal. white	1



FEATURES

- No cable derating
- Interior & exterior use
- Easy to apply
- VOC compliant

For power cables

APPLICATION • Water-based heavy duty spray coating designed to prevent vertical and horizontal spread of fire along grouped or single communication or power cables. • Compatible with and adheres to typical cable jacketing materials



Joint Strip

Code	Description	Qty.
66700	1/16" x 1" x 82' strip	6
66701	1/16" x 1-1/2" x 82' strip	4
66704	1/16" x 2" x 82' strip	3
66702	1/16" x 2-1/2" x 82' strip	2
66703	1/16" x 3" x 82' strip	2
66705	1/16" x 4" x 82' strip	2



FEATURES

- No firestop caulk required
- Single sided application
- Simple & easy to use
- Complies to UL required Accelerated Aging and High Humidity Testing

Flexible material for up to 2" wide joints

APPLICATION • Flexible strip firestop material used in concrete and masonry floor and wall joints up to 2" wide

- Prevents the passage of fire between joints

RECOMMENDED FOR

- Stadium construction, tilt up panels
- Curtain wall panels
- All concrete and masonry wall and floor construction joint applications



METACAULK® FIRESTOP PRODUCTS

Continued

Wrap Strip

Flexible intumescent strip for plastic and insulated pipe

Code	Description	Qty.
66135	1" x 12'	6
66136	2" x 12'	4



FEATURES

- No cure time
- Easy to apply
- Long length means less waste
- Systems up to 14" PVC
- Highly intumescent
- Complies to UL required Accelerated Aging and High Humidity Testing

APPLICATION • Simply wrap required number of strips around penetrating item to completely fill the annular space or as required by system design • When exposed to heat, expands to form a hard char to seal off the penetration

RECOMMENDED FOR

- Plastic and insulated pipe applications



SAS Sealant

Smoke & Acoustic, High-grade acrylic latex

Code	Description	Qty.
66652	20.2 oz. foil pack	12
66650	5 gal.	1

Tested to
ASTM E84



FEATURES

- Meets LEED criteria
- Excellent for large openings
- Impedes sound transfer
- Water clean up - Easy to dispense
- Use both vertically or horizontally
- Interior grade
- STC rating 69

APPLICATION • Provides a permanent seal for penetrations, membrane openings and static or dynamic joints in smoke or sound rated assemblies • In the event of a fire it will prevent the movement of smoke and impede the transfer of sound in non-fire rated assemblies

RECOMMENDED FOR

- Metallic and nonmetallic pipes • Outlet and receptacle boxes • Membrane penetrations • Head of wall • Bottom of wall • Wall to wall joints

APPLY WITH

- Caulking gun
- Trowel • Spray equipment
- Pumping equipment; no mixing required



*FBC™ System Compatible indicates that this product has been tested, and is monitored on an ongoing basis, to assure its chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzan® piping systems and products made with TempRite® Technology.

The FBC System Compatible Logo, FBC™, FlowGuard Gold®, BlazeMaster®, Corzan® and TempRite® are trademarks of Lubrizol Advanced Materials, Inc. or its affiliates.

CABLE PROTECTION

Cable End Cap

Quick seal against moisture & corrosion

Code	Description	Qty.
50231	QC2 .75" x 1.25" red	50
50234	QC5 1.5" x 2" black	25

FEATURES

- No heat required
- Instant seal
- Simple to install
- Reinforced ends
- Pliable butyl mastic sealant
- Works in extreme temps



Arc Sleeve

For large power and utility cables

Code	Description	Qty.
50241	500/700 3'	1

FEATURES

- Fire and fault arc protection
- Easy snap-on application
- Custom dip-molded
- Fits tightly around cables
- For large electrical cables



3' Long



FIRESTOP ACCESSORIES

Fiberglass Tying Cord

For power cables

Code	Description	Qty.
50219	QTC250 350'	1

FEATURES

- For use with Arc Sleeve
- For tying wiring harnesses & cable looms



6lb./ cu. ft. Safing

Mineral wool backing

Code	Description	Qty.	FEATURES
66101	2" thick	8	• Non-combustible



Caulking Guns

Cartridge & sausage

Code	Description	Qty.	FEATURES
66114	10.3 oz. gun	1	• Industrial grade
66115	30 oz. gun	1	
66116	20.2 oz. sausage gun	1	
66117	Replacement tips	25	



Delta Deck Plugs

36" long

Code	Description	Qty.	FEATURES
66401	1-1/2" x 3-1/2" x 4-1/2"	48	• Non-combustible • Mineral wool backing for fluted deck
66403	1-1/2" x 4-1/2" x 5-1/2"	39	



Universal Collar

For concrete, wood & gypsum

Code	Description	Qty.	FEATURES
66091	2" x 50' roll	1	• Galvanized steel
66095	1" x 50' roll	1	



Foam Backer Rod

Fills gaps prior to sealing

Code	Description	Qty.	FEATURES
66112	1" x 75'	1	• Easy-to-use



Pipe Joining

- Low-VOC Solvent Cements
- Primers & Cleaners
- Pipe Thread Sealants



RECTORSEAL® LOW-VOC SOLVENT CEMENTS

PVC Electrical Conduit 633L

○ Clear/Gray - medium body solvent cement

Code	Description	Qty.
55979	1 gal. wide mouth clear	4
55980	½ pt. - clear	24
55983	1 pt. - clear	12
55985	1 qt. - clear	12
55995	1 pt. - gray	12
55996	1 qt. - gray	12



Clear only



FEATURES

- Conduit types I & II
- LEED compliant
- 2 year shelf life
- Exceeds ASTM D2564
- Low-VOC

APPLICATION • Clear or gray to match conduit color • Thick formula to reduce runoff • Up to and including 6" schedule 40 and 1¼" schedule 80

RECOMMENDED FOR • PVC conduit



Gray

Clear

Applicator

PVC solvent cement roller

Code	Description	Qty.
19073	Roller Applicator	4

QUICKER APPLICATION for larger diameter pipe sizes. Fits both wide mouth can and regular gallon cans.



RECTORSEAL® LOW-VOC SOLVENT CEMENTS

Gene™ 404L

○ Clear - regular body PVC solvent cement

Code	Description	Qty.
55901	¼ pt.	24
55902	½ pt.	24
55904	1 pt.	12
55906	1 qt.	12
55908	1 gal.	4



PW-G-DWV-SW



FEATURES

- Fast setting formula
- LEED compliant
- NSF approved for potable water
- 2 year shelf life
- Exceeds ASTM D2564
- Low-VOC

APPLICATION • Polyvinyl chloride (PVC) solvent cement used for joining PVC pipe and socket-type fittings which meet Class 12454 as defined in ASTM specification D1784

- Schedule 40 up to 2" pressure; up to 4" non-pressure pipe (DWV)
- ABS to PVC non-pressured transition joints

RECOMMENDED FOR • Potable water • Pressure pipe • Gas • Conduit • Sewers • DWV systems



Homer™ 828L

○ Gray - heavy body PVC solvent cement

Code	Description	Qty.
55961	1 pt.	12
55963	1 qt.	12
55964	1 gal.	4



PW-G-DWV-SW



FEATURES

- Superior bonding strength
- LEED compliant
- NSF approved for potable water
- 2 year shelf life
- Exceeds ASTM D2564
- Low-VOC

APPLICATION • Polyvinyl chloride (PVC) solvent cement used for joining PVC pipe and socket-type fittings which meet Class 12454 as defined in ASTM specification D1784

- For pipe up to 12" schedule 40 and schedule 80
- Remains stable from 40°F to 120°F

RECOMMENDED FOR • Potable water • Pressure pipe • Gas • Conduit • Sewers • DWV systems



Also available in gal. can

Gold™ 844L

○ Clear - heavy body PVC solvent cement

Code	Description	Qty.
55951	½ pt.	24
55952	1 pt.	12
55954	1 qt.	12
55955	1 gal.	4



PW-G-DWV-SW



FEATURES

- Excellent gap filling
- LEED compliant
- NSF approved for potable water
- 2 year shelf life
- Exceeds ASTM D2564
- Low-VOC

APPLICATION • Polyvinyl chloride (PVC) solvent cement used for joining PVC pipe and socket-type fittings which meet Class 12454 as defined in ASTM specification D1784

- For pipe up to 12" schedule 40 and schedule 80

RECOMMENDED FOR • Potable water • Pressure pipe • Gas • Conduit • Sewers • DWV systems



RECTORSEAL® LOW-VOC SOLVENT CEMENTS

Continued

Arctic™ 616L

Code	Description	Qty.
55919	1 pt.	12
55948	1 qt.	12
55953	1 gal.	4



PW-G-DWV-SW



FEATURES

- Formulated for use in cold weather
- LEED compliant
- NSF approved for potable water
- 2 year shelf life
- Exceeds ASTM D2564
- Low-VOC

○ Clear - medium body PVC solvent cement

APPLICATION • Premium polyvinyl chloride (PVC) solvent cement used for joining PVC pipe and socket-type fittings which meet Class 12454 as defined in ASTM specification D1784

- Pipe up to 6" schedule 40; 1-1/4" schedule 80
- Remains stable from 0° F to 120° F

RECOMMENDED FOR

- Potable water • Pressure pipe
- Gas • Conduit • Sewers
- DWV systems



Also available in gal. can

Hot™ 203L

Code	Description	Qty.
55989	1/2 pt.	24
55990	1 pt.	12
55993	1 qt.	12
55994	1 gal.	4



PW-G-DWV-SW



FEATURES

- Very fast drying
- Excellent in cold weather
- LEED compliant
- 2 year shelf life
- Meets ASTM D2564
- Low-VOC

● Blue - medium body PVC solvent cement

APPLICATION • Polyvinyl chloride (PVC) solvent cement joins both rigid and flexible PVC pipe and socket-type fittings which meet Class 12454 as defined in ASTM specifications D1784

- For all rigid PVC classes up to 6" schedule 40 and 1-1/4" schedule 80

RECOMMENDED FOR

- Irrigation
- Pools • Spas • Potable water
- Pressure pipe • Gas • Conduit • Sewers
- DWV systems • ENT • Flexible PVC hose



See ordering chart for container sizes available

Pete™ 602L

Code	Description	Qty.
55922	1/4 pt.	24
55924	1/2 pt.	24
55926	1 pt.	12
55928	1 qt.	12
55916	1 gal.	4



PW-G-DWV-SW



FEATURES

- LEED compliant
- NSF approved for potable water
- 2 year shelf life
- Exceeds ASTM D2564
- Low-VOC

○ Clear - medium body PVC solvent cement

APPLICATION • Polyvinyl chloride (PVC) solvent cement used for joining PVC pipe and socket-type fittings which meet Class 12454 as defined in ASTM specification D1784

- For up to 6" for schedule 40; 1-1/4" for schedule 80

RECOMMENDED FOR

- Potable water
- Pressure pipe • Gas • Conduit • Sewers
- DWV systems





RECTORSEAL® LOW-VOC PRIMERS & CLEANERS

Jim™ PR-1L

○ Purple - hi-etch primer

Code	Description	Qty.
55910	¼ pt.	24
55912	½ pt.	24
55914	1 pt.	12
55918	1 qt.	12
55920	1 gal.	4



FEATURES

- Fast acting
- Superior bonding
- LEED compliant
- 2 year shelf life
- Meets ASTM F656

APPLICATION • Prepares surfaces for superior bonding strength • For use on PVC and CPVC pipe, tubing and socket-type fittings in both schedule 40 and schedule 80

RECOMMENDED FOR

- Potable water • Pressure pipe
- Gas • Conduit • Sewers
- DWV systems



Sam™ CL-3L

○ Clear - cleaner

Code	Description	Qty.
55929	¼ pt.	24
55930	½ pt.	24
55932	1 pt.	12
55934	1 qt.	12
55936	1 gal.	4



FEATURES

- Fast acting
- Safe for potable water
- LEED compliant
- 2 year shelf life
- Low-VOC
- Meets ASTM F656

APPLICATION • Clear cleaner for dissolving grease and dirt to prepare bonding surfaces for solvent cementing • Use for PVC, CPVC and ABS pipe, tubing and socket-type fittings schedule 40 and schedule 80

RECOMMENDED FOR

- Potable water • Pressure pipe • Gas
- Conduit • DWV systems



GENERAL SERVICE RECOMMENDATIONS

Solvent Cements • Cleaners • Primers

S O L V E N T C E M E N T S				
Product Name	PVC Electrical Conduit 633L	Gene 404L	Homer 828L	Gold 844L
Application	PVC	PVC & Transition Joints	PVC	PVC
Color	Gray / Clear	Clear	Gray	Clear
Max. Pipe Size Schedule 40	6"	2" Pressure/ 4" DWV	12"	12"
Max. Pipe Size Schedule 80	1¼"	--	12"	12"
Body Type	Medium Body	Regular Body	Heavy Body	Heavy Body
Cure Time	Fast Set	Fast Set	Medium Set	Medium Set
ASTM	D2564	D2564	D2564	D2564

S O L V E N T C E M E N T S			
Product Name	Arctic 616L	Hot 203L	Pete 602L
Application	PVC	PVC	PVC
Color	Clear	Blue	Clear
Max. Pipe Size Schedule 40	6"	6"	6"
Max. Pipe Size Schedule 80	1¼"	1¼"	1¼"
Body Type	Medium Body	Medium Body	Medium Body
Cure Time	Fast Set	Very Fast Set	Fast Set
ASTM	D2564	D2564	D2564

C L E A N E R S & P R I M E R S		
Product Name	Sam CL-3L	Jim PR-1L
Product Type	Cleaner	Primer
Application	PVC, CPVC, ABS	PVC, CPVC
Color	Clear	Purple



RECTORSEAL® PIPE THREAD SEALANTS

RectorSeal No. 5®

Multi-purpose pipe thread sealant

Code	Description	Qty.
25790	1-¾ oz.	24
25631	¼ pt.	24
25551	½ pt.	24
25431	1 pt.	12
25300	1 qt.	12
25271	1 gal.	4
25191	5 gal.	1
25112	55 gal.	1



FEATURES

- Soft set / Slow drying
- Lead free
- Smooth application
- 2 year shelf life
- Certified to NSF/ANSI 61-G & 372

APPLICATION • Lubricates and protects threaded pipe and fittings • Can be pressurized immediately up to 100 psi for piping up to 2" diameter • Ideal for a wide variety of fluids and gases including potable water

RECOMMENDED FOR

- Galvanized Steel • Iron
- Brass • Copper • Aluminum
- Stainless Steel
- Polyethylene • RTRP • PVC



Also available in 55 gal. container.

RectorSeal T Plus 2®

PTFE enriched pipe thread sealant

Code	Description	Qty.
23710	1-¾ oz.	24
23631	¼ pt.	24
23551	½ pt.	24
23431	1 pt.	12
23391	1 qt.	12
23271	1 gal.	4
23112	55 gal.	1



FEATURES

- Non-setting
- Lead free
- 2 year shelf life
- Certified to NSF/ANSI 61-G & 372

APPLICATION • Contains PTFE & synthetic fibers for superior performance • Can be pressurized immediately following application

RECOMMENDED FOR

- Galvanized Steel • Iron
- Brass • Copper
- Aluminum • Stainless Steel
- Polyethylene • RTRP • PVC
- CPVC • ABS



Also available in 5 and 55 gal. containers.

FBC™ System Compatible™ indicates that this product has been tested, and is monitored on an ongoing basis, to assure its chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzan® pipe and fittings. **FBC™, FlowGuard Gold®, BlazeMaster® and Corzan® are licensed trademarks of The Lubrizol Corporation.

RECTORSEAL® PIPE THREAD SEALANTS

Continued

BLUE+™

Code	Description	Qty.
31633	1/4 pt.	24
31553	1/2 pt.	24
31433	1 pt.	12



LISTED
PIPE JOINT COMPOUND
MH12259

FEATURES

- Non-Setting
- Lead Free
- 2 year shelf life
- Certified to NSF/ANSI 61-G & 372

PTFE Enriched Non-Setting Thread Pipe Sealant

APPLICATION • Use on lines carrying potable water (hot or cold), DWV, natural gas, LPG, compressed air, and most other industrial gases. • Up to 10,000 psi liquid and 2,000 psi gases. • Temperature service range of -15°F to 350°F. • Not recommended for oxygen.

RECOMMENDED FOR • Iron • Galvanized Steel • Stainless Steel • Brass • Copper • Aluminum • Polyethylene • PVC • ABS • CPVC • Reinforced Fiberglass



RectorSeal Tru-Blu™

Code	Description	Qty.
31780	1-3/4 oz.	24
31631	1/4 pt.	24
31551	1/2 pt.	24
31431	1 pt.	12
31300	1 qt.	12



FEATURES

- Fast drying / Flexible set
- Contains PTFE
- Lead free
- 2 year shelf life
- Certified to NSF/ANSI 61-G & 372

Vibration resistant pipe thread sealant

APPLICATION • For high vibration environments such as refrigeration and industrial applications • Designed for sealing vibration prone NPT connections

RECOMMENDED FOR • Galvanized Steel • Iron • Brass • Copper • Aluminum • Stainless Steel • PVC • Polyethylene • Reinforced fiberglass



No. 5® Sub-Zero

Code	Description	Qty.
27731	1/4 pt.	24
27651	1/2 pt.	24
27541	1 pt.	12
27460	1 qt.	12



FEATURES

- Low temperature application -35°F
- All weather formula
- Lead free

Low temperature, low odor pipe thread sealant

APPLICATION • Odorless, non-staining, low temperature application • Brushable to -35°F • Can be pressurized immediately

RECOMMENDED FOR • Galvanized Steel • Iron • Brass • Copper • Aluminum • Stainless Steel • Polyethylene • RTRP • PVC



See ordering chart for container sizes available.

*FBC™ System Compatible™ indicates that this product has been tested, and is monitored on an ongoing basis, to assure its chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzan® pipe and fittings. **FBC®, FlowGuard Gold®, BlazeMaster® and Corzan® are licensed trademarks of The Lubrizol Corporation.

Condensate Management

- Safe-T-Switch®
- EZ Trap®



SAFE-T-SWITCH® OVERFLOW SWITCHES

The most reliable switch

Model SS1

Primary drains or auxiliary drain outlets

Code	Description	Qty.
97632	Model SS1	24



FEATURES

- Condensate overflow switch
- Magnetic reed switch
- Install vertically or horizontally
- Connect to either red or yellow wire
- NEW! Includes directional cleanout tool to provide cleanout access.



APPLICATION • Detects clogged A/C condensate drains and shuts off the system to prevent water damage to floors, walls and ceilings • Can be installed horizontally or vertically, inline or on the primary pan's auxiliary drain outlet by using the included 3/4" adapter, bushing and cap • Can be installed on a sloping line and does not need to be level or plumb



Model SS2

Primary pan auxiliary outlet

Code	Description	Qty.
97637	Model SS2	24



FEATURES

- Condensate overflow switch
- Magnetic reed switch
- Connect to either red or yellow wire



APPLICATION • Detects clogged A/C condensate drains and shuts off the system • Using the 3/4" adapter the SS2 can be installed on the auxiliary outlet of the primary drain pan • Easy access to the switch and the primary drain line for service



Model SS3

Primary & auxiliary drain pans

Code	Description	Qty.
97647	Model SS3	24



FEATURES

- Condensate overflow switch
- Magnetic reed switch
- Connect to either red or yellow wire



APPLICATION • Detects clogged A/C condensate drains and shuts off the system • Steel mounting bracket clips firmly over the edge of most drain pans • Slim profile can be installed on primary or auxiliary drain pans.



Model SS2AP

Plenum rated

Code	Description	Qty.
97640	Model SS2AP	50



FEATURES

- Condensate overflow switch
- Magnetic reed switch
- Connect to either red or yellow wire



APPLICATION • Detects clogged A/C condensate drains and shuts off the system • Schedule 40 CPVC, plenum rated and listed to UL-2043 • Use 3/4" adapter to install on the auxiliary outlet of the primary drain pan.

5



EZ TRAP® 100 SERIES CLEAR TRAP™ KITS

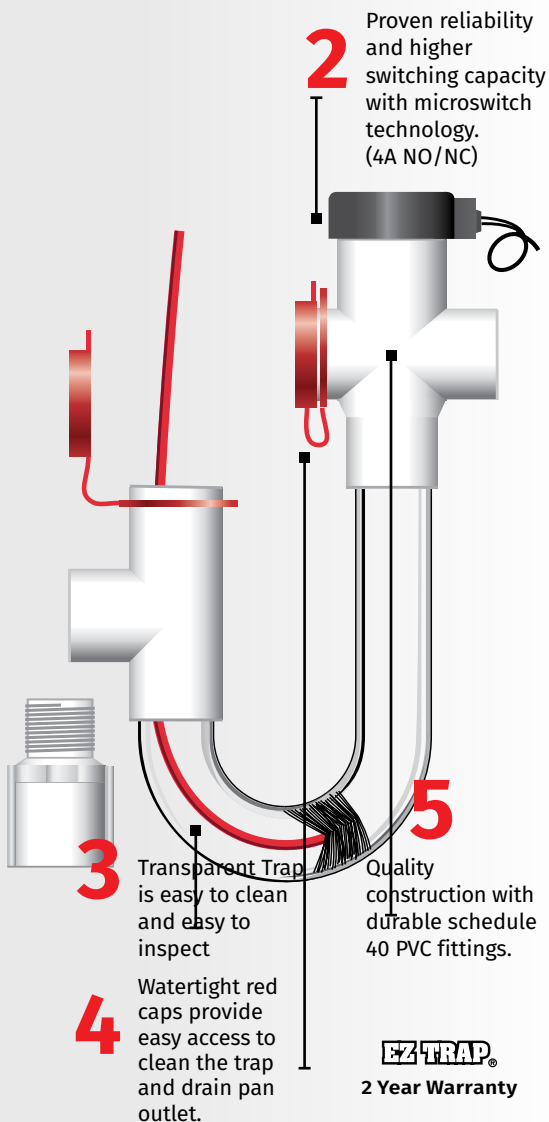
Clear cleanable trap

EZ TRAP®

Condensate Traps and Overflow Switches

Easy Maintenance & Overflow Protection

- 1 SmartTrap™** (200 SERIES) adds a float switch that warns of blockage and shut down the A/C unit. Slip fit float switch removes easily for cleaning and inspection.



Patent No. 5,069,042

RS #	(ref. #)	Size
83113	(EZT113)	3/4"



Economy trap kit nobrush

Thinner walled trap for light duty applications. 10 per carton.

Includes: 3/4" trap, 3/4" cross, 3/4" tee, three 3/4" red caps, **1" drop.**

RS #	(ref. #)	Size
83114	(EZT113B)	3/4"



Economy trap kit w/brush

Thinner walled trap for light duty applications. 10 per carton.

Includes: 3/4" trap, 3/4" cross, 3/4" tee, three 3/4" red caps, cleaning brush, **1" drop.**

RS #	(ref. #)
83406	(EZT406)

Standard Cleaning Brush

12" plastic rod. 25 per carton



RS #	(ref. #)
83405	(EZT405)

Heavy Duty Cleaning Brush

18" flexible stainless rod. 10 per carton





AQUAGARD® SENSORS



AG-1100+

Magnetic Float Switch System for Metal Pans

Code	Description	Qty.
96100	Float Switch	30



FEATURES

- Easy, Drill-Free Installation
- Pull Up Test Knob
- Protective Cover
- UL 508

US Patent 7,710,283

APPLICATION The AG-1100+ is incredibly easy to install. It can be mounted to the drain pan in 10 seconds or less. Installation does not require any pre-drilling for screws. The AG-1100+ incorporates a protective cover to keep out insulation and debris that could prevent the float from rising.

- Normally Open 3rd Wire for Optional External Alarm, Digital Controller, or Energy Management System
- Residential and Commercial
- High Capacity 5 Amp, 24 Volt AC Magnetic Float Switch



AG-1200+

Magnetic Float Switch System for Metal & Plastic Pans

Code	Description	Qty.
96106	Float Switch	30



FEATURES

- Easy, Drill-Free Installation
- Pull Up Test Knob
- Protective Cover
- UL 508

US Patent 7,710,283

APPLICATION • The AG-1200+ has all of the features of the 1100+ plus an innovative two-piece clamp design which allows it to be mounted to a metal secondary drain pan (without a lip) or a plastic secondary drain pan (with a lip) in 10 seconds or less, without screws or drilling. • Protective cover keeps out insulation, pests and debris.

- Normally Open 3rd Wire for Optional External Alarm, Digital Controller, or Energy Management System
- Residential and Commercial
- High Capacity 5 Amp, 24Volt AC Magnetic Float Switch



AG-1250E

Multipurpose Water Sensor

Code	Description	Qty.
96108	Water Sensor	30



FEATURES

- Either normally open or normally closed
- Solid state sensor with water detection LED
- NEW adjustable height mount
- 6 feet of control wire
- 5 amp capacity, 0-24 Vac/dc
- Can be used with communicating systems
- UL 508

US Patent 8,578,770

APPLICATION • The AG-1250E multipurpose water sensor is mounted directly in a metal or plastic secondary pan, floor or wall. The AG-1250E is a high-amperage, solid state sensor with no moving parts to break down or become clogged. The low profile design makes it easy to install.

- Normally Open Wire for Optional External Alarm, Digital Controller or Energy Management
- Versatile mounting options allow positioning on the unit, in a secondary pan, floor or wall
- Clip on mounting base for easy cleaning and drying of sensor



AG-3180E

Micro Pan Sensor (Plenum Rated)

Code	Description	Qty.
96128	Micro Pan Sensor	10



FEATURES

- Time Delay Up to 60 sec
- Plenum Rated Probe & Wire
- Micro pan sensor
- Water detection LED light
- Bonus Secondary Sensor
- Adjustable mounting clips
- Can be mounted with double sided tape or adjustable mounting clips
- UL 508

US Patent 8,578,770

APPLICATION • The AquaGuard AG-3180E micro-electronic condensate sensor is mounted directly in the primary drain pan. The bonus secondary sensor features water detection LED and easily installs in the metal or plastic secondary drain pan. Both sensors continuously monitor any condensate overflow in the primary and secondary drain pans and automatically shut off the system and activate an alarm if any overflow is detected.

- Ideal for commercial package units, metal/plastic secondary drain pans & primary pan with time delay
- Meets International Building Codes & Primary Pan Code Requirements
- 6 Feet of Both Plenum Rated Probe and Sensor Wire
- 5 Amp, 24 VAC Solid State Sensor
- Switch Can Be Normally Open or Normally Closed
- Normally Open Wire for Optional External Alarm, Digital Controller or Energy Management Systems



AG-4200E

Electronic Condensate Management System

Code	Description	Qty.
96143	Primary Pan Sensor	1



FEATURES

- Either normally open or normally closed
- 5 amp, 24 volts AC solid state sensor with water detection LED light
- Adjustable height mount
- 6 feet of control wire
- UL 508

US Patent 8,578,770; 8,317,169

APPLICATION • Multipurpose Condensate Overflow Sensor that combines the proven water sensing technology of the AG-1250E with our industry leading Goliath and Titan drain pan line to deliver the ultimate condensate management system. The AG-4200E is the complete condensate management system for Goliath, Goliath Furnace, Goliath Value Series and Titan Drain Pans

- 24 VAC, 5 Amp
- 6' of Standard Control Wire
- Compact Waterproof Design
- Includes Vibration Isolators





GOLIATH® CONDENSATE PANS AND RISERS

Goliath®

Secondary Drain Pans

Code	Pan Size	Outer (Max) Dimension			Inside (Drip Area) Dimension		
		Length	Width	Depth	Length	Width	Depth
96200	26x56"	56.625"	26.5"	2.75"	51.0"	19.5"	2.0"
96202	28x57"	57.25"	28.375"	5.25"	51.75"	21.5"	2.0"
96204	28x69"	69.125"	28.25"	4.25"	66.5"	26.0"	2.0"
96206	30x50"	50.50"	30.25"	4.00"	45.25"	22.75"	2.1"
96208	30x62"	63.00"	30.375"	4.25"	56.875"	22.75"	2.1"
96210	30x66"	66.50"	30.25"	4.00"	64.00"	22.75"	2.1"

FEATURES

- Hangable
- Extreme temperature durability
- High tensile strength
- Crack/split/leak/rust resistant
- Self extinguishing

U.S. Patents: 7,878,019; 7,900,795 & D562,963
U.S. Patents 9,074,812; 9,557,094 & 10,753,641 licensed from J.F.R. Enterprises, Inc.



APPLICATION • Goliath Series Secondary Drain Pans are the strongest, most rugged HVAC secondary drain pans on the market today • Made With Pride from our own patented blend of advanced polymer DexElar® material, Goliath Series Secondary Drain Pans are engineered with superior one piece structural strength to produce a nearly indestructible drain pan with rolled edges and no seams • Each pan is strong enough to hang using only one pair of steel support struts, ensuring a quick-and-easy professional installation • Features a network of built-in risers, which are compatible with a wide variety of sizes of HVAC units and eliminate the need to shop around for additional risers or mounting blocks. Some Goliath pans have lower risers when space is restricted • Risers run the length of pan for better strength when hanging • Each pan has specially designed indentations for placement of hanging brackets

• Goliath Series Secondary Drain Pans are compatible with our AG-4200 Condensate Management System water sensor and drain adapter as well as AG-GFR Vibration Isolators to quiet any noisy HVAC unit.

All pans meet or exceed all international building codes and come with a 10 Year Limited Warranty.

Goliath®

Value Series Secondary Drain Pans

Code	Pan Size	Outer (Max) Dimension			Inside (Drip Area) Dimension		
		Length	Width	Depth	Length	Width	Depth
96214	30x50"	50.50"	30.25"	4.00"	45.25"	22.75"	2.1"
96216	30x62"	63.00"	30.375"	4.25"	56.875"	22.75"	2.1"

FEATURES

- Extreme temperature durability
- High tensile strength
- Crack/split/leak/rust resistant
- Self extinguishing

U.S. Patents: 7,878,019; 7,900,795 & D562,963
U.S. Patents 9,074,812; 9,557,094 & 10,753,641 licensed from J.F.R. Enterprises, Inc.



Goliath & Titan Series are made of DexElar® advanced polymer.

APPLICATION • Goliath Value Series Secondary Drain Pans are the affordable solution for fixed placement, solid surface applications when hanging a secondary drain pan and HVAC unit is not necessary. They are Made with Pride from our patented advanced polymer DexElar® material and feature a network of built-in risers, which are compatible with a wide variety of sizes of HVAC units • Superior strength, durability and versatility when compared to other HVAC secondary drain pans made of traditional ABS plastics • Will not crack, split, or rust like a metal secondary drain pan • Can support 40% more weight than a traditional ABS plastic pan • Extreme temperature durability -20°F (-28°C) to 260°F (126.7°C) with a higher melting point and self extinguishing characteristics not found in competitors' secondary drain pans • DexElar® material is a safer material of choice than ABS plastic • Are compatible with our AG-4200 Condensate Management System water sensor and drain adapter as well as AG-GFR Vibration Isolators to quiet any noisy HVAC unit.

Goliath Value Series Non-Hangable Secondary Drain Pans are to be used only for fixed placement HVAC installations and must be supported by a solid surface and are not to be hung in any application

All pans meet or exceed all international building codes and come with a 5 Year Limited Warranty.

Contact: RectorSeal®

P 713-263-8001 | 800-231-3345

F 713-263-7577 | 800-441-0051

W rectorseal.com

Goliath® Furnace

Secondary Drain Pans Furnace Series

Code	Pan Size	Outer (Max) Dimension			Inside (Drip Area) Dimension		
		Length	Width	Depth	Length	Width	Depth
96220*	30x36"	37.50"	30.50"	3.00"	30.75"	23.00"	2.375"
96222	34x64"	64.125"	34.125"	7.50"	59.00"	26.75"	2.1"
96224	34x79"	79.00"	33.75"	7.50"	73.50"	26.50"	2.1"

FEATURES

- Extreme temperature durability
- High tensile strength
- Crack/split/leak/rust resistant
- Self extinguishing



U.S. Patents 7,878,019; 7,900,795 & D562,963
U.S. Patents 9,074,812; 9,557,094 & 10,753,641 licensed from J.F.R. Enterprises, Inc

APPLICATION • Goliath Furnace Series Secondary Drain Pans offer all the same benefits and features of our Goliath Series Secondary Drain Pans and are specifically designed for the unique clearance needs of furnace installations and piping requirements • With 7" of clearance, Goliath Furnace pans offer the necessary clearances for any piping that needs to run below a furnace unit – especially with condensing furnace installations. • Made with Pride from our own patented blend of advanced polymer DexElar® material. They are engineered with superior one-piece structural strength to produce a nearly indestructible furnace pan with rolled edges and no seams. Each pan provides extreme temperature durability (-40°F to 260°F), high tensile strength, crack/split/leak/rust resistance, and are self extinguishing. • Goliath Furnace Series Secondary Drain Pans are compatible with our AG-4200 Condensate Management System water sensor and drain adapter as well as 10 AG-GFR Vibration Isolators to quiet the operation of any noisy furnace unit.

*The Goliath Furnace 30" x 36" x 3.00" pan is designed exclusively for vertical, up flow applications.

All pans meet or exceed all international building codes and come with a 10 Year Limited Warranty.

Goliath® Furnace

Riser Kits

Code	Model	Outer (Max) Dimension		
		Length	Width	Depth
96254	GFR 28x6	28.50"	7.50"	6.00"
96250	GFR 23x4	22.50"	5.75"	3.625"
96252	GFR 23x7	22.50"	5.75"	6.50"

FEATURES

- Constructed of DexElar®, the same durable material as Goliath and Titan HVAC secondary drain pans.
- Will not rust or crack and provide 10x the strength as metal risers.
- Compatible with our Titan secondary drain pans, metal pans or can be used as a standalone.
- Available vibration isolators quiet noisy furnace units



APPLICATION • Goliath Furnace Risers (GFR) are the perfect solution for any furnace installation. GFRs raise furnaces providing the necessary clearance to accommodate piping and p-traps. • Available in three sizes, GFR 28x6, GFR 23x4 and GFR 23x7 to accommodate a variety of furnace installation needs. • Installation is quick and easy, the GFRs are made to fit either lengthwise or width wise in our Titan pans or fabricated metal pans. • DexElar® material is 10X stronger than competing metal risers.



All Goliath Furnace Risers meet or exceed all international building codes and come with a 3 Year Limited Warranty.

TITAN™ CONDENSATE PANS

Titan™

Secondary Drain Pans Flexible Series

Code	Pan Size	Outer (Max) Dimension			Inside (Drip Area) Dimension		
		Length	Width	Depth	Length	Width	Depth
96230	24x24"	24.00"	24.00"	2.25"	20.00"	20.50"	2.25"
96232	26x26"	26.00"	26.00"	2.25"	22.00"	22.50"	2.25"
96234	30x30"	30.00"	30.00"	2.25"	26.00"	26.50"	2.25"
96236	32x32"	32.00"	32.00"	2.25"	28.00"	28.50"	2.25"
96238	30x50"	50.50"	30.25"	2.50"	45.00"	22.75"	2.50"
96240	30x62"	63.00"	30.375"	2.50"	56.875"	22.75"	2.50"

FEATURES

- Extreme temperature durability
- High tensile strength
- Crack/split/leak/rust resistant
- Self extinguishing



APPLICATION • Used when space requirements are tight, the Titan Flexible Series Secondary Drain Pans are more flexible and durable than fabricated metal or plastic pans • Created from our patented blend of advanced polymer DexElar® material will not rust, crack, split or leak like a traditional fabricated metal secondary drain pan. DexElar® material provides extreme temperature durability (-40°F to 260°F), high tensile strength and is self extinguishing • Titan pans are manufactured with rolled edges and no seams for superior one-piece structural strength and flexibility • They are also specifically designed and engineered to be completely compatible with our Goliath Furnace Series Furnace Risers to create a complete and professional HVAC installation • Made with Pride, Titan Flexible Series Secondary Drain Pans are compatible with our AG-4200 Condensate Management System water sensor and drain adapter

* Hangable when properly configured with approved steel supports and pressure treated 4" x 4"s.

All Titan Flexible Series Secondary Drain Pans meet or exceed all international building codes and come with a 3 Year Limited Warranty.

Mounting Equipment

- Frameworks
- Supports
- Risers



Multi Foot

Frame support ideal for smaller systems

Code	Description	Qty.
87711 (RSP16)	16" Multi Foot	1
87712 (RSP24)	24" Multi Foot	2

- FEATURES**
- Strong and Lightweight
 - Weather resistant PVC - Rubber/PVC
 - Linear track holds 1/2" hex head bolts
 - Two 7/8" long bolts included

Max load capacity:
RSP16 - 572 lbs.
RSP24 - 1045 lbs.

87711	87712
H = 3 3/4"	H = 3 3/4"
W = 7"	W = 8 3/4"
L = 15 3/4"	L = 24"



H-Frame

Accepts standard 1 5/8" strut, optimum support

Code	Description	Qty.
87713 (RSPD12)	H-Frame Kit w/ 12" Square	1
87714 (RSPD18)	H-Frame Kit w/ 18" Square	1
87715 (RSPD24)	H-Frame Kit w/ 24" Square	1

each kit contains 2 feet

- FEATURES**
- Ideal rooftop support of equipment & systems
 - Weather resistant
 - Recycled crumb rubber pad
 - Accepts one 5/8" strut (not included)
 - Build custom frames and supports

Max load capacity:
RSPD12 - 661 lbs.
RSPD18 - 1100 lbs.
RSPD24 - 1100 lbs

87713	87714	87715
H = 31 1/2"	H = 41 1/4"	H = 43 3/4"
W = 13"	W = 19"	W = 25 1/4"
L = 13"	L = 19"	L = 25 1/4"





POLYMER & RUBBER RISERS

Continued

Polymer Risers

Simple lightweight raised mounting support

Code	Description	Qty.
87761 (PR-351N-I)	14" Polymer Riser	20
87762 (PR-351N-M)	18" Polymer Riser	20
87763 (PR-351N-L)	39" Polymer Riser	4
87765 (PRC-351N)	End Caps	1 Pair

FEATURES

- Ideal for piping, duct runs, cable trays and condensers
- Weather resistant PVC
- Linear track holds 3/8" hex head bolts
- Two 7/8" long bolts included

Max load capacity: PR-351N-I - 308 lbs.
PR-351N-M - 397 lbs. PR-351N-L - 880 lbs



Fix-It-Foot

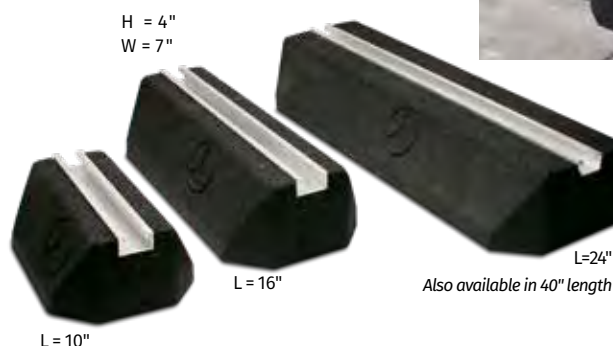
Additional vibration isolation and stability

Code	Description	Qty.
87771 (RMB10)	Fix-It-Foot 10"	1
87773 (RMB16)	Fix-It-Foot 16"	1
87775 (RMB24)	Fix-It-Foot 24"	1
87776 (RMB40)	Fix-It-Foot 40"	1

FEATURES

- Ideal for rooftop support of equipment & systems
- Weather resistant
- Recycled crumb rubber pad
- Recessed underside permits solid stance
- Aluminum track permits the use of standard strut hardware (not included)

Max load capacity: RMB10-181 lbs. RMB16-82 lbs.
RMB24-494 lbs. RMB40-50 lbs.2



Fix-It-Foot Low

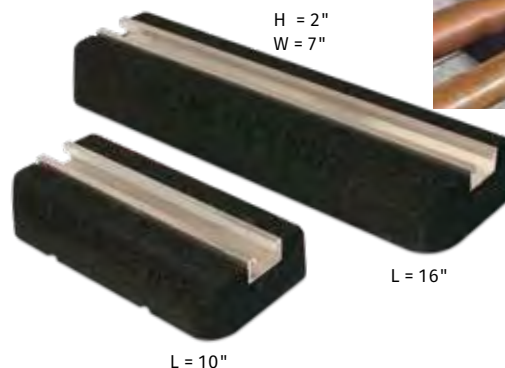
Low profile rubber riser

Code	Description	Qty.
87772 (RMB10L)	Fix-It-Foot Low 10"	1
87774 (RMB16L)	Fix-It-Foot Low 16"	1

FEATURES

- Ideal for rooftop support of equipment & systems
- Weather resistant
- Recycled crumb rubber pad
- Recessed underside permits stability
- Aluminum track permits the use of standard strut hardware (not included)

Max load capacity: RMB10L - 181 lbs RMB16L - 282 lbs



Specialty Products

Duct Seal •

Sealants •

Caulks •

Cleaners •

Aerosols •

Locking Refrigerant Caps •

Ductless A/C Installation Accessories •

SPECIALTY PRODUCTS

RectorSeal® Duct Seal

Gray putty compound

Code	Description	Qty.
81880	1 lb.	10
81881	5 lbs.	2



FEATURES

- Asbestos free
- Air / water tight seal
- Resistant to water, alcohols, mild acids & bases
- Non-corrosive / non-irritant
- Paintable
- Made in the USA

APPLICATION • Permanently soft, non-toxic, putty-type compound which adheres to most clean, dry surfaces • Can be hand applied from 25° F to 120° F

RECOMMENDED FOR • Sealing around the ends of electrical conduits and boxes
• Flashings • Service mast entries



Dark Cutting Oil

Low rpm machine thread cutting oil

Code	Description	Qty.
94392	1 qt.	12
94272	1 gal.	6

FEATURES

- Increased lubricity/longer die life
- Penetrates quickly
- Keeps dies cool

APPLICATION • Designed to reduce friction • Effective coolant and anti-weld agent • An extreme pressure lubricant during thread cutting operations • Will not congeal above 20° F



Copper-Rich™

High temperature anti-seize and lubricant

Code	Description	Qty.
72851	8 oz.	12
72841	1 lb.	12

FEATURES

- Highly conductive
- Exceeds military spec MIL-A-907E

APPLICATION • Pure micro-sized copper flakes dispersed in a non-melt, high temperature grease • Resists seizure
• Color: copper

RECOMMENDED FOR • All metal connections including stainless steel to 1800° F • Ideal for use where electrical conductivity is important



SPECIALTY SEALANT CAULKS

Metacaulk® RS 136

Fireblock/ Smoke seal caulk

Code	Description	Qty.
66408	10.3 oz. cartridge	12

FEATURES

- Easy application
- Interior applications
- Water Clean-up
- ASTM E 136 compliant

APPLICATION • General purpose, residential acoustical fireblock



RectorSeal® Silicone Sealant

General purpose

Code	Description	Qty.
57505	10.3 oz. tube - white	12
57506	10.3 oz. tube - clear	12

FEATURES

- Remains flexible
- Vibration resistant
- Indoors/outdoor

APPLICATION • Dries to touch in 30 minutes and fully cures in 24 hours



RectorSeal® Hi-Temp™

100% RTV silicone caulk

Code	Description	Qty.
57500	10.1 oz. cartridge	12

FEATURES

- One component
- USDA specs for use in federally inspected meat and poultry plants
- F.D.A. reg #21 CFR 177.2600
- TT-S-001543A (COM-NBS) Class A
- TT-S00230C (COM-NBS) Class AA
- MIL-A-46106B Amend 3, Type 1
- Canadian 19-GP-9MA, Type 1

APPLICATION • Cures to a strong durable resilient rubber



SPECIALTY CLEANERS

Zipp™

Quick drying degreaser

Code	Description	Qty.
82642	14 oz. aerosol	12

FEATURES

- Cleaner / degreaser
- Leaves no residue
- Non-flammable
- Non-conductive

APPLICATION • Quick drying, safety solvent degreaser that instantly removes grease, oil, waxes, tar, gums, grime, dirt, carbon, greasy stains, bilge slime and similar soils from most hard surfaces • Will not short out electrical equipment



WARNING: This product can expose you to chemicals including Perchloroethylene and Methylene Chloride, which is known to the State of California to cause cancer and other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

Zipp™ II

Environmentally safer, degreaser

Code	Description	Qty.
82645	12 oz. aerosol	12

FEATURES

- Cleaner / degreaser
- Leaves no residue
- Non-flammable
- Non-conductive
- Non-chlorinated

APPLICATION • Quick drying, safety solvent degreaser that instantly removes grease, oil, waxes, tar, gums, grime, dirt, carbon, greasy stains, bilge slime and similar soils from most hard surfaces • Will not short out electrical equipment • Contains no carbon tet or restricted solvents



WARNING: This product can expose you to chemicals including Propyl bromide, which is known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov.

Grime-solv™

Heavy duty cleaner & degreaser

Code	Description	Qty.
88436	14 oz. aerosol	12

FEATURES

- Safe for metals
- Wipes clean or rinses with water
- Non-flammable
- Non-corrosive

APPLICATION • Lifts encrusted grime, grease or carbon • Use to remove stains from concrete driveways and brick walls, to clean white wall tires and for cleaning surfaces before painting



WARNING: This product can expose you to chemicals including Perchloroethylene and Methylene Chloride, which is known to the State of California to cause cancer and other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

MISCELLANEOUS

Draft-Block™

Expanding polyurethane foam

Code	Description	Qty.
96500	12 oz. aerosol	12

FEATURES

- Expands 3X
- Tack-free in approx. 45 min.
- No urea or formaldehyde

APPLICATION • Excellent filler which bonds and insulates • Fill voids, cracks, crevices and small cavities on flat or irregular surfaces
• Reduces sound transmission • Totally dielectric



Lets-Go™

Penetrant, lubricant and freeze-up preventer

Code	Description	Qty.
73012	12 oz. aerosol	12

FEATURES

- Loosens frozen bolts, nuts & joints
- Protects from water & weather.

APPLICATION • Covers metal surfaces with a clinging, tough, long-lasting film of lubricant • The wetting power acts quickly on rusted and seized parts
• Displaces moisture from wiring and equipment.



Novent® Silver

any gas, 1/4" thread, key

Code	Description	Qty.
86692	(NS-UNI) 2 cap blister.	20
86691	(NS-UNI) 10 cap blister	10
86693	(NS-UNI) 50 cap box	1
86694	(NS-UNI) 100 pack	1



Thread
Silver
(any
gas)

1/4"

LOCKING REFRIGERANT CAPS

Seals standard Schrader service valves on all central A/C units and mini-splits

FEATURES

- Resists crushing & removal with out key
- Corrosion resistant anodized aluminum
- Integral neoprene O-ring resists oils & sealants
- Torque limiter prevents overtightening
- Patent No. 6,612,455

RectorSeal® EP-200

Epoxy putty

Code	Description	Qty.
97600	2 oz.	24
97601	2 oz. refill	24
97602	Blistercard	12
97606	EP-400 4 oz.	12



FEATURES

- Mixes like putty
- Hardens in minutes
- Can be drilled, taped, filed, machined, sanded and painted
- Bonds and fills a variety of materials



Buz-Awf™

Wasp and hornet spray

Code	Description	Qty.
84390	16 oz. aerosol	12

FEATURES

- High pressure spray
- Shoots 20 ft stream
- Non-conductive up to 47KV

APPLICATION • Kills wasps, hornets, yellow jackets and bees
• E.P.A. REG. NO. 3862-174-51219,
E.P.A. EST. NO. 9143-TX-1



Cold Galvanizing Spray

Protection of hot-dip galvanizing

Code	Description	Qty.
86625	16 oz. aerosol	12

FEATURES

- Stops rust and corrosion
- Indoors or outdoors

APPLICATION • Contains 95% pure zinc and forms a tough, durable and flexible zinc metal coating that bonds electrochemically with the base metal to protect against rust and corrosion • To prevent and retard rust and corrosion on welded joints, fencing, storage tanks, pipe lines, metal buildings, marine and other similar applications



WARNING: This product can expose you to chemicals including Methylene Chloride, which is known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov.

Mighty Bracket™

Mini-split installation support tool

Code	Description	Qty.
97705	Mini-split support tool	4

FEATURES

- Allows single person installation
- Simple clip on support
- Does not damage walls.
- Use on most brands of mini-splits
- Folds for easy storage
- Includes tote bag

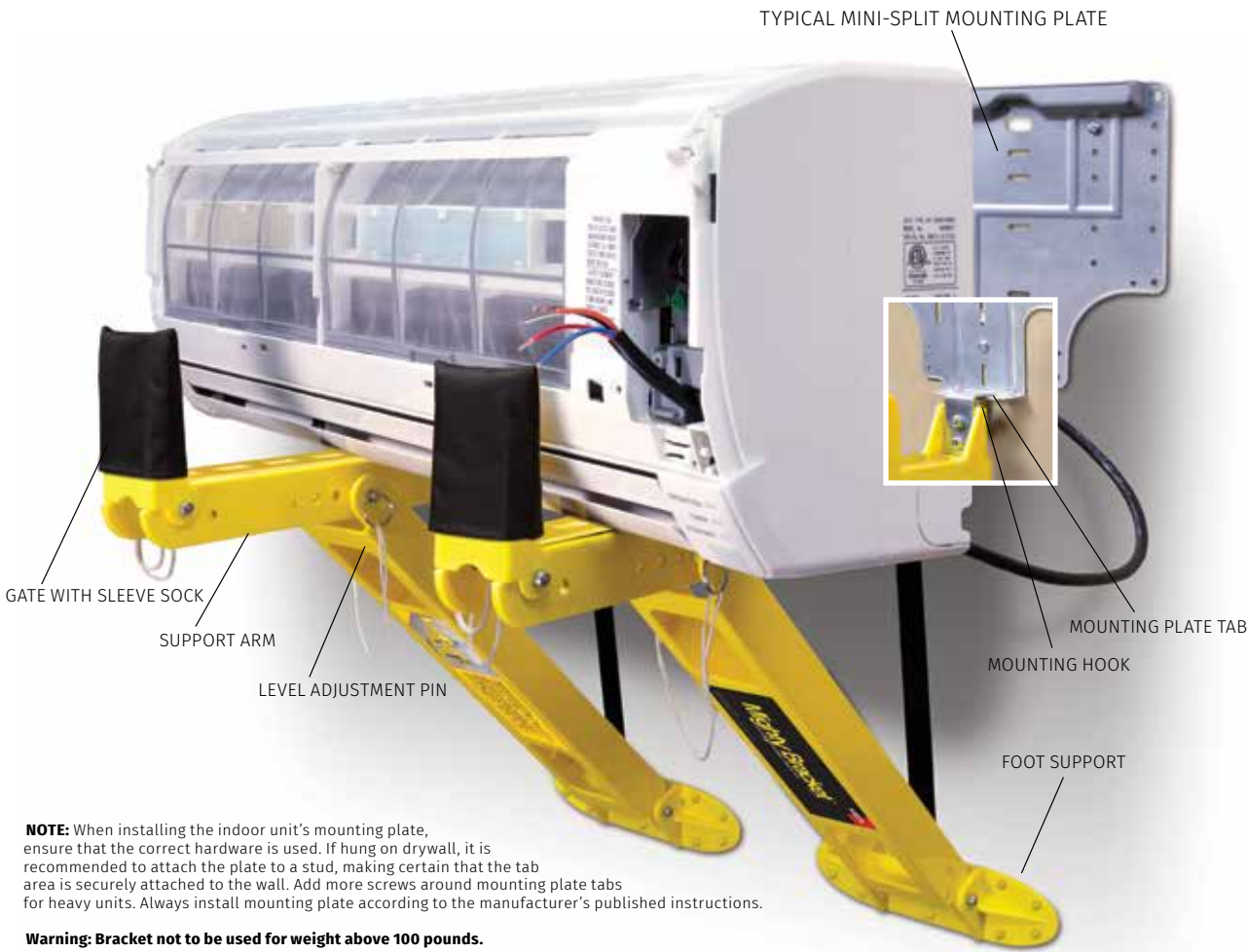
US Patent No 9,772,113



APPLICATION • Hook onto mini-split mounting plate to hold mini-split unit securely in place while installing refrigerant lines, condensate line and electrical hookup.

USER INSTRUCTIONS 1. Attach Mounting Hooks of Mighty Bracket to the mini-split mounting plate tabs. (If no tabs are present on the mounting plate, Mighty Bracket hooks can be attached by screws threaded into the wall stud.) 2. Place Foot Supports flat against the wall. (If necessary to avoid potential wall scratching, place clean towel or cardboard between support foot and wall surface) 3. Position Level Adjustment Pins to make Support Arm of the brackets horizontal. 4. Position lift Gates at the end of Support Arms to make sure the unit cannot slide off. 5. Place protective Sleeve Socks over Gates to avoid scratching the unit. 6. Set unit securely onto the top of the Support Arms. 7. Connect refrigerant lines using RectorSeal® NoKink™* 8. Connect condensate drain piping and electrical wiring. 9. Carefully lift and place the indoor unit onto top tabs of mounting plate. 10. While ensuring unit does not fall, carefully remove Mighty Bracket and installation is complete.

* When paired with RectorSeal® NoKink™ Mighty Bracket™ allows simple installation without damaging or kinking copper refrigerant lines.





DUCTLESS A/C INSTALLATION ACCESSORIES

RectorSeal® NoKink™

Flexible mini-split refrigerant line connector

Code	Description	Qty.
66731	1/4" x 3' flex hose	4
66733	3/8" x 3' flex hose	4
66737	1/2" x 3' flex hose	4
66735	5/8" x 3' flex hose	4
66732	3/4" x 3' flex hose	4
66734	7/8" x 3' flex hose	4
68231	1/4" x 6' flex hose	4
68233	3/8" x 6' flex hose	4
68235	5/8" x 6' flex hose	4
68237	1/2" x 6' flex hose	4



FEATURES

- Eliminates kinking of refrigerant line
- Stainless steel internal piping and jacketing
- 3" copper stubs allow for easy flaring and quick connections

APPLICATION • Corrugated 300 series stainless steel flexible piping, protected with woven stainless steel jacketing, connects evaporator units to linesets quickly and easily • Eliminate kinks and refrigerant leaks • Allows for ease of future maintenance

SPECIFICATIONS

36" and 72" overall length
3" copper stub length
10 sizes available



RectorSeal® Paircoil

Pre-insulated and paired linesets

Code	Description	Qty.
87781	1/4" liquid line w/ 1/2" insulation & 3/8" suction line w/ 1/2" insulation	1
87782	1/4" liquid line w/ 1/2" insulation & 1/2" suction line w/ 1/2" insulation	1

FEATURES

- 50' rolls can be freely cut
- Tough, coated insulation will not tear
- Length markings for fast, accurate measuring & cutting
- Meets ASTM B280 standard
- Meets IMC & IRC code

APPLICATION • For air conditioning & refrigeration installations using R410A, R22, etc. • Saves time and labor on mini-split installs & retrofits



DUCTLESS A/C INSTALLATION ACCESSORIES

AC Leak Freeze® nano PRO

Leak sealant & system enhancer

Code	AC Leak Freeze	Qty.
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45315	1.46 oz nano PRO	12
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Leak sealant for A/C and refrigeration systems

Code	AC Leak Freeze with Magic Frost	Qty.
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45325	1.46 oz nano PRO w/Magic Frost	12
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Leak sealant & system enhancer for A/C & refrigeration systems



FEATURES

- Single use - disposable
- Polymer free nano formula
- Low Loss Safety Fitting
- Ready to use
- Safe for system
- Non-flammable
- Non-toxic
- OEM approved
- POP packaged
- Infuse into system using standard HVAC manifold
- Nylon hose, brass fittings and copper reservoir are all 100% recyclable.

AC Leak Freeze®

Leak sealant & system enhancer

Code	AC Leak Freeze R - for appliance	Qty.
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45301	.5 oz	12
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45302	.5 oz with 1/4" adapter	12
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Leak sealant for appliance and refrigeration systems

Code	AC Leak Freeze	Qty.
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45311	1.5 oz	12
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45312	1.5 oz with 1/4" adapter	12
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Leak sealant for A/C and refrigeration systems

Code	AC Leak Freeze with Magic Frost	Qty.
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45321	1.5 oz	12
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45322	1.5 oz with 1/4" adapter & Magic Frost	12
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Leak sealant & system enhancer for A/C & refrigeration systems

Code	AC Leak Freeze accessories	Qty.
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45344	1/4" adapter only	5
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45345	5/16" adapter only	5
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FEATURES

- Polymer free
- Safe for system
- OEM approved
- Easy to use
- Non-flammable
- Non-toxic
- POP blister pack





LINESET COVER SYSTEM

SLIMDUCT

LINESET COVER SYSTEM



- Professional quality.
- Quick assembly.
- Professional appearance.



Fortress



Slimduct



Both Fortress and Slimduct are now available in convenient kit form.
Kit includes duct and fittings for typical mini-split installation.



Architectural grade polymer, lineset ducting. Simple, rugged protection.



CHOOSE FORTRESS OR SLIMDUCT QUALITY



Fortress® SATIN FINISH

Moderate price point. For mini-splits, high velocity and conventional split air conditioning systems.

Protects lineset, wiring and drain hose from weather, vandalism, pet and pest damage.

Snap together ducting easily accessed for repairs or replacement of the lineset.

UV and weather resistant. Will remain attractive and provide protection for many years.

Stylish. Compliments any residential or commercial building. Paintable. Brush, spray or roller to match or compliment custom colors.*

Two sizes. Duct & fittings are available in both LD92 (3½"), LD122 (4½")

Four color options white, ivory, brown, gray

8ft duct lengths. 6 lengths per box

17 fittings. Assures complete flexibility of installation

1 year warranty.



Slimduct® GLOSS FINISH

Heavy duty grade. For mini-splits, high velocity and conventional ducted air conditioning systems.

Protects lineset, wiring and drain hose from weather, vandalism, pet and pest damage.

Snap together ducting easily accessed for repairs or replacement of the lineset.

UV, weather and fire resistant. Temperature range from -4°F to 140°F. Will remain attractive and provide protection for many years.

Stylish. Compliments any residential or commercial building.

Three sizes. Duct & fittings are available in SD77 (2¾"), SD100 (3¾"), SD140 (5½")

Three color options. white, ivory, brown

78in duct lengths. 5 lengths per box

15 fittings. Assures complete flexibility of installation

1 year warranty.

*Follow paint manufacturers recommendations for vinyl products. NOTE: Dark colors fade in sunlight sooner than lighter colors.

FORTRESS® LINESET COVER ORDERING INFORMATION















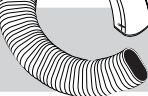



Longer 8ft ducting minimizes joints and reduces waste.

Paintable.

Brush, spray or roller to match or compliment custom colors. Follow paint manufacturers recommendations for vinyl products.

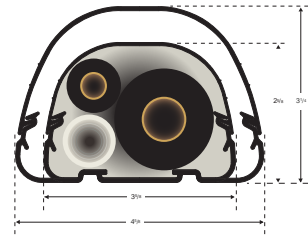


USA

	MODEL	SIZE	DESCRIPTION	L	W	H
	LD92	3 1/2	Ducting	96"	3 5/8"	2 5/8"
	LD122	4 1/2	Ducting	96"	4 5/8"	3 1/4"
	LJ92	3 1/2	Coupler	2 5/8"	3 7/8"	2 3/4"
	LJ122	4 1/2	Coupler	2 5/8"	4 7/8"	3 1/2"
	LW92	3 1/2	Wall Inlet	9"	4 3/8"	3 1/8"
	LW122	4 1/2	Wall Inlet	9 3/4"	5 3/8"	4"
	LEN92	3 1/2	End Fitting	4 1/4"	3 7/8"	2 3/4"
	LEN12	4 1/2	End Fitting	4 1/4"	4 7/8"	3 1/2"
	LK92	3 1/2	90° Flat Ell	5 3/4"	5 3/4"	2 3/4"
	LK122	4 1/2	90° Flat Ell	6 1/4"	6 1/2"	3 1/2"
Above fittings now also available in LDK Kit pack (shown right)						
	LP92	3 1/2	Soffit Inlet	3 1/2"	6"	4 7/8"
	LP122	4 1/2	Soffit Inlet	3 1/2"	7"	5 1/2"
	LKF92	3 1/2	45° Flat Ell	4 7/8"	4 7/8"	2 3/4"
	LKF122	4 1/2	45° Flat Ell	6 1/2"	6 1/2"	3 1/2"
	LCI92	3 1/2	90° Inside Vertical Ell	5 1/4"	5 1/4"	2 3/4"
	LCI122	4 1/2	90° Inside Vertical Ell	5 1/4"	5 1/4"	3 1/2"
	LCO92	3 1/2	90° Outside Vertical Ell	4 1/2"	4 1/2"	2 3/4"
	LCO122	4 1/2	90° Outside Vertical Ell	5 1/4"	5 1/4"	3 1/2"
	LCFI92	3 1/2	45° Inside Vertical Ell	4 3/4"	3 7/8"	2 3/4"
	LCFI122	4 1/2	45° Inside Vertical Ell	6 1/4"	4 7/8"	3 1/2"
	LCFO92	3 1/2	45° Outside Vertical Ell	4 5/8"	3 7/8"	2 3/4"
	LCFO122	4 1/2	45° Outside Vertical Ell	5 1/4"	4 7/8"	3 1/2"
	LT92	3 1/2	Tee	7 3/4"	5 3/4"	2 3/4"
	LT122	4 1/2	Tee	7 3/4"	6 1/2"	3 1/2"
	LDR12292	3 1/2-4 1/2	Reducer	3"	4 7/8"	3 7/8"
	LKS92	3 1/2	90° Sweep Ell	13"	13"	2 3/4"
	LKS122	4 1/2	90° Sweep Ell	14"	14"	3 1/2"
	LF92	3 1/2	Flexible Ell	40"	3 1/2"	2 1/2"
	LF122	4 1/2	Flexible Ell	40"	4 1/2"	3 1/4"
	LFJ92	3 1/2	Flexible Adaptor	3 1/8"	3 7/8"	2 3/4"
	LFJ122	4 1/2	Flexible Adaptor	3 1/8"	4 7/8"	3 1/2"
	LWF92	3 1/2	Wall Flange	5"	6"	2 1/8"
	LWF122	4 1/2	Wall Flange	6 1/2"	7 3/4"	2 5/8"
	LDC	-	Twistlock Lineset Duct Clip	-	-	-

WHITE			IVORY			BROWN			GRAY		
Order code / Ref No		Qty	Order code / Ref No		Qty	Order code / Ref No		Qty	Order code / Ref No		Qty
84004 (LD92W)		6	84024 (LD92I)		6	84064 (LD92B)		6	84044 (LD92G)		6
84104 (LD122W)		6	84124 (LD122I)		6	84164 (LD122B)		6	84144 (LD122G)		6
84010 (LJ92W)		6	84030 (LJ92I)		6	84270 (LJ92B)		1	84250 (LJ92G)		1
84110 (LJ122W)		6	84130 (LJ122I)		6	84370 (LJ122B)		1	84350 (LJ122G)		1
84016 (LW92W)		6	84036 (LW92I)		6	84276 (LW92B)		1	84256 (LW92G)		1
84116 (LW122W)		6	84136 (LW122I)		6	84376 (LW122B)		1	84356 (LW122G)		1
84007 (LEN92W)		6	84027 (LEN92I)		6	84267 (LEN92B)		1	84247 (LEN92G)		1
84107 (LEN122W)		6	84127 (LEN122I)		6	84367 (LEN122B)		1	84347 (LEN122G)		1
84011 (LK92W)		6	84031 (LK92I)		6	84271 (LK92B)		1	84251 (LK92G)		1
84111 (LK122W)		6	84131 (LK122I)		6	84371 (LK122B)		1	84351 (LK122G)		1
84014 (LP92W)		6	84034 (LP92I)		6	84274 (LP92B)		1	84254 (LP92G)		1
84114 (LP122W)		6	84134 (LP122I)		6	84374 (LP122B)		1	84354 (LP122G)		1
84012 (LKF92W)		6	84032 (LKF92I)		6	84272 (LKF92B)		1	84252 (LKF92G)		1
84112 (LKF122W)		6	84132 (LKF122I)		6	84372 (LKF122B)		1	84352 (LKF122G)		1
84002 (LCI92W)		6	84022 (LCI92I)		6	84262 (LCI92B)		1	84242 (LCI92G)		1
84102 (LCI122W)		6	84122 (LCI122I)		6	84362 (LCI122B)		1	84342 (LCI122G)		1
84003 (LCO92W)		6	84023 (LCO92I)		6	84263 (LCO92B)		1	84243 (LCO92G)		1
84103 (LCO122W)		6	84123 (LCO122I)		6	84363 (LCO122B)		1	84343 (LCO122G)		1
84000 (LCFI92W)		6	84020 (LCFI92I)		6	84260 (LCFI92B)		1	84240 (LCFI92G)		1
84100 (LCFI122W)		6	84120 (LCFI122I)		6	84360 (LCFI122B)		1	84340 (LCFI122G)		1
84001 (LCFO92W)		6	84021 (LCFO92I)		6	84261 (LCFO92B)		1	84241 (LCFO92G)		1
84101 (LCFO122W)		6	84121 (LCFO122I)		6	84361 (LCFO122B)		1	84341 (LCFO122G)		1
84015 (LT92W)		6	84035 (LT92I)		6	84275 (LT92B)		1	84255 (LT92G)		1
84115 (LT122W)		6	84135 (LT122I)		6	84375 (LT122B)		1	84355 (LT122G)		1
84106 (LDR12292W)		6	84126 (LDR12291)		6	84366 (LDR12292B)		1	84346 (LDR12292G)		1
84013 (LKS92W)		6	84033 (LKS92I)		6	84273 (LKS92B)		1	84253 (LKS92G)		1
84113 (LKS122W)		6	84133 (LKS122I)		6	84373 (LKS122B)		1	84353 (LKS122G)		1
84008 (LF92W)		6	84028 (LF92I)		6	84268 (LF92B)		1	84248 (LF92G)		1
84108 (LF122W)		6	84128 (LF122I)		6	84368 (LF122B)		1	84348 (LF122G)		1
84009 (LFJ92W)		6	84029 (LFJ92I)		6	84269 (LFJ92B)		1	84249 (LFJ92G)		1
84109 (LFJ122W)		6	84129 (LFJ122I)		6	84369 (LFJ122B)		1	84349 (LFJ122G)		1
84017 (LWF92W)		6	84037 (LWF92I)		6	84277 (LWF92B)		1	84257 (LWF92G)		1
84117 (LWF122W)		6	84137 (LWF122I)		6	84377 (LWF122B)		1	84357 (LWF122G)		1

84099 (LDC) (12 pk 50 bags)



Technical Information

Weather resistant PVC,
UV stabilized & fire resistant.
Tested to over 2,000 hours.

Temperature Range
-4°F to 140°F



12' Wall Duct Kit

Kit includes 12' of duct and all essential fittings to hide and protect the lineset for a typical A/C installation. Available in white, ivory, gray and brown

LDK Kit includes:

LD - Ducting 4' Long (3)
LJ - Couplers (2)
LW - Wall Inlet (1)
LEN - End Fitting (1)
LK- 90° Flat Ell (1)


















Fortress Kits:

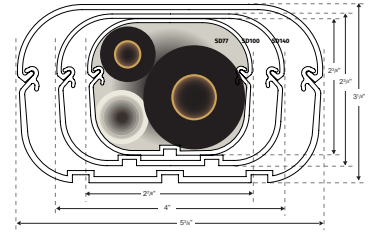
84045 LDK92G - Gray 3 1/2
84145 LDK122G - Gray 4 1/2
84065 LDK92B - Brown 3 1/2
84165 LDK122B - Brown 4 1/2
84005 LDK92W - White 3 1/2
84105 LDK122W - White 4 1/2
84025 LDK92I - Ivory 3 1/2
84125 LDK122I - Ivory 4 1/2



Ducting and fittings packaged 6 per box helps minimize inventory

SLIMDUCT® LINESET COVER ORDERING INFORMATION

	Description	L	W	H	RS# (ref. #) White	RS# (ref. #) Ivory	RS# (ref. #) Brown
	SD Slimduct 78" L - 77	78"	2 7/8"	2 3/8"	85004 (SD-77-W)	85024 (SD-77-I)	85064 (SD-77-B)
	SD Slimduct 78" L - 100	78"	4"	2 3/4"	85104 (SD-100-W)	85124 (SD-100-I)	85164 (SD-100-B)
	SD Slimduct 78" L - 140	78"	5 3/8"	3 1/4"	85204 (SD-140-W)	85224 (SD-140-I)	85264 (SD-140-B)
	SJ coupler 77	2"	3 3/8"	2 5/8"	86010 (SJ-77-W)	86030 (SJ-77-I)	85370 (SJ-77-B)
	SJ coupler 100	2 1/2"	4 1/4"	3"	86110 (SJ-100-W)	86130 (SJ-100-I)	85470 (SJ-100-B)
	SJ coupler 140	3 1/2"	5 3/4"	3 3/8"	86210 (SJ-140-W)	86230 (SJ-140-I)	85570 (SJ-140-B)
	SW wall inlet 77	8"	4 3/8"	3"	86016 (SW-77-W)	86036 (SW-77-I)	85376 (SW-77-B)
	SW wall inlet 100	8 3/4"	5"	3 3/8"	86116 (SW-100-W)	86136 (SW-100-I)	85476 (SW-100-B)
	SW wall inlet 140	11"	6 1/2"	3 3/8"	85216 (SW-140-W)	85236 (SW-140-I)	85576 (SW-140-B)
	SP soffit inlet 77	5 1/8"	4 3/8"	5 1/8"	85014 (SP-77-W)	85034 (SP-77-I)	85374 (SP-77-B)
	SP soffit inlet 100	5 3/8"	5 3/8"	5 3/8"	86114 (SP-100-W)	86134 (SP-100-I)	85474 (SP-100-B)
	SP soffit inlet 140	5 3/4"	6 7/8"	5 3/4"	85214 (SP-140-W)	85234 (SP-140-I)	85574 (SP-140-B)
	SEN end fitting 77	1 3/4"	3 3/4"	2 5/8"	86007 (SE/SEN-77-W)	86027 (SE/SEN-77-I)	85367 (SE/SEN-77-B)
	SEN end fitting 100	4 1/2"	4 1/4"	3"	86107 (SEN-100-W)	86127 (SEN-100-I)	85467 (SEN-100-B)
	SEN end fitting 140	6"	5 1/4"	3 3/8"	86207 (SEN-140-W)	86227 (SEN-140-I)	85567 (SEN-140-B)
	SK 90° flat ELL 77	5"	2 5/8"	5"	86011 (SK-77-W)	86031 (SK-77-I)	85371 (SK-77-B)
	SK 90° flat ELL 100	6"	3"	6"	86111 (SK-100-W)	86131 (SK-100-I)	85471 (SK-100-B)
	SK 90° flat ELL 140	7 1/2"	3 3/8"	7 1/2"	85211 (SK-140-W)	85231 (SK-140-I)	85571 (SK-140-B)
	SKF 45° flat ELL 77	4 1/2"	3 1/4"	2 5/8"	85012 (SKF-77-W)	85032 (SKF-77-I)	85372 (SKF-77-B)
	SKF 45° flat ELL 100	5 1/4"	4 1/4"	3"	86112 (SKF-100-W)	86132 (SKF-100-I)	85472 (SKF-100-B)
	SKF 45° flat ELL 140	6 1/4"	5 3/4"	3 3/8"	85212 (SKF-140-W)	85232 (SKF-140-I)	85572 (SKF-140-B)
	SC 90° vertical ELL 77	4"	3 1/4"	4"	86002 (SC-77-W)	86022 (SC-77-I)	85362 (SC-77-B)
	SC 90° vertical ELL 100	4 5/8"	4 1/4"	4 5/8"	86102 (SC-100-W)	86122 (SC-100-I)	85462 (SC-100-B)
	SC 90° vertical ELL 140	5"	5 3/4"	5"	85202 (SC-140-W)	85222 (SC-140-I)	85562 (SC-140-B)
	SCF 45° vertical ELL 77	4 1/8"	3 1/4"	2 5/8"	85000 (SCF-77-W)	85020 (SCF-77-I)	85360 (SCF-77-B)
	SCF 45° vertical ELL 100	4 3/8"	4 3/8"	3"	86100 (SCF-100-W)	86120 (SCF-100-I)	85460 (SCF-100-B)
	SCF 45° vertical ELL 140	4 5/8"	5 3/8"	3 3/8"	85200 (SCF-140-W)	85220 (SCF-140-I)	85560 (SCF-140-B)
	ST TEE 77	6 1/2"	4 7/8"	2 5/8"	86015 (ST-77-W)	86035 (ST-77-I)	85375 (ST-77-B)
	ST TEE 100	7 7/8"	6"	3"	86115 (ST-100-W)	86135 (ST-100-I)	85475 (ST-100-B)
	ST TEE 140	9 7/8"	7 7/8"	3"	85215 (ST-140-W)	85235 (ST-140-I)	85575 (ST-140-B)
	SDR reducer 100-77	2 1/2"	4 1/4"	3"	85106 (SDR-100-77-W)	85126 (SDR-100-77-I)	85466 (SDR-100-77-B)
	SDR reducer 140-100	4"	5 3/4"	3 3/8"	86206 (SDR-140-100-W)	86226 (SDR-140-100-I)	85566 (SDR-140-100-B)
	SIF 2" fixed offset 77	7 1/8"	3 3/4"	3 1/4"	86018 (SIF-77-W)	86038 (SIF-77-I)	85378 (SIF-77-B)
	SIF 2" fixed offset 100	7 1/8"	4 1/4"	4 1/4"	86118 (SIF-100-W)	86138 (SIF-100-I)	85478 (SIF-100-B)
	SN 2.75" Twist ELL 77	5 1/2"	5 1/2"	3 3/8"	85080 (SN-77-W)	85085 (SN-77-I)	85395 (SN-77-B)
	SF flex ELL 20" L - 77-500	19 1/2"	3"	2 1/2"	85008 (SF-77-500-W)	85028 (SF-77-500-I)	85368 (SF-77-500-B)
	SF flex ELL 31" L - 100-800	31 1/2"	4"	2 3/4"	86108 (SF-100-800-W)	86128 (SF-100-800-I)	85468 (SF-100-800-B)
	SF flex ELL 31" L - 140-800	31 1/2"	5 3/4"	3 3/8"	85208 (SF-140-800-W)	85228 (SF-140-800-I)	85568 (SF-140-800-B)
	SFJ flex adaptor 77	1 3/8"	3 1/4"	3 1/4"	85009 (SFJ-77-W)	85029 (SFJ-77-I)	85369 (SFJ-77-B)
	SFJ flex adaptor 100	1 1/2"	4 1/4"	4 1/4"	85109 (SFJ-100-W)	85129 (SFJ-100-I)	85469 (SFJ-100-B)
	SFS saddle for flex ELL 77	1 3/8"	3 1/4"	2 1/2"	86001 (SFS-77)	-	-
	SFS saddle for flex ELL 100	1 1/2"	3 1/4"	3"	86101 (SFS-100)	-	-
	SFS saddle for flex ELL 140	1 1/2"	4 1/4"	3"	86201 (SFS-140)	-	-
	SL strap kit for line sets	-	-	-	86299 (SL-300)	-	-



Technical Information
Weather resistant PVC,
 UV stabilized & fire resistant.
 Tested to over 2,000 hours.
Temperature Range
 -4°F to 140°F



NEW!

13' Wall Duct Kit

Kit includes 13' of duct and all essential fittings to hide and protect the lineset for a typical A/C installation. Available in white only.

SDK Kit includes:

SD - Ducting 39' Long (4)
 SJ - Couplers (2)
 SW - Wall Inlet (1)
 SEN - End Fitting (1)
 SK- 90° Flat Ell (1)

Slimduct Kits:

85005 SDK77W - 2 3/4" White kit
 85105 SDK100W - 3 3/4" White kit

*Duct is packaged
 5 per box.
 Fittings are packed
 5 or 10 per box.*

PRODUCT CODE INDEX

CODE PAGE

19080	23	55904	24	66265	17	66732	46	84037	53	84250	51	84376	51	85375	52	86127	52	96216	35	98122	9	98175	9
23112	28	55906	24	66266	17	66733	46	84044	53	84251	51	84377	51	85376	52	86128	52	96220	36	98123	9	98176	9
23191	28	55908	24	66270	17	66734	46	84045	53	84252	51	84390	44	85378	52	86130	52	96222	36	98124	9	98177	9
23271	28	55910	26	66272	17	66735	46	84064	53	84253	51	85000	52	85395	52	86131	52	96224	36	98125	9	98178	9
23391	28	55912	26	66274	17	66737	46	84065	53	84254	51	85004	52	85460	52	86135	52	96230	37	98126	9	98179	9
23431	28	55914	26	66276	17	68231	46	84099	53	84255	51	85008	52	85462	52	86136	52	96232	37	98127	9	98180	9
23551	28	55916	25	66300	15	68233	46	84100	53	84256	51	85009	52	85466	52	86138	52	96234	37	98128	9	98181	9
23631	28	55918	26	66301	15	68235	46	84101	53	84257	51	85012	52	85467	52	86201	52	96236	37	98129	9	98182	9
23710	28	55919	25	66303	14	68237	46	84102	53	84260	1	85014	52	85468	52	86206	52	96238	37	98130	9	98183	9
25112	28	55920	26	66305	14	72841	42	84103	53	84261	51	85020	52	85469	52	86207	52	96240	37	98131	9	98184	9
25191	28	55922	25	66307	14	72851	42	84104	53	84262	51	85024	52	85470	52	86210	52	96250	36	98132	9	98185	9
25271	28	55924	25	66309	14	73012	44	84105	53	84263	51	85028	52	85471	52	86216	52	96252	36	98133	9	98186	9
25300	28	55926	25	66312	14	81880	42	84106	53	84267	51	85029	52	85472	52	86226	52	96254	36	98134	9	98187	9
25431	28	55928	25	66320	18	81881	42	84107	53	84268	51	85032	52	85474	52	86227	52	96500	46	98135	9	98188	9
25551	28	55929	26	66331	18	82642	43	84108	53	84269	51	85034	52	85475	52	86299	52	97600	46	98136	9		
25631	28	55930	26	66334	18	82645	43	84109	53	84270	51	85064	52	85476	52	86625	44	97601	46	98137	9		
25790	28	55932	26	66335	17	83113	32	84110	53	84271	51	85080	52	85478	52	86692	44	97602	46	98138	9		
27111	29	55934	26	66340	17	83114	32	84111	53	84272	51	85085	52	85560	52	86691	46	97606	46	98139	9		
27222	29	55936	26	66345	17	83119	32	84112	53	84273	51	85104	52	85562	52	86693	44	97630	31	98140	9		
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27460	29	55951	24	66351	16	83406	32	84114	53	84275	51	85109	52	85567	52	87711	39	97632	31	98142	9		
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27651	29	55953	25	66353	16	84001	51	84116	53	84277	51	85126	52	85570	52	87713	39	97637	31	98144	9		
27731	29	55954	24	66354	16	84002	51	84117	53	84340	51	85129	52	85571	52	87714	39	97640	31	98145	9		
31300	29	55955	24	66362	18	84003	51	84120	53	84341	51	85164	52	85572	52	87715	39	97645	31	98146	9		
31303	29	55961	24	66363	18	84004	51	84121	53	84342	51	85200	52	85574	52	87761	40	97647	31	98147	9		
31431	29	55963	24	66366	17	84005	51	84122	53	84343	51	85202	52	85575	52	87762	40	97705	47	98148	9		
31433	29	55964	24	66367	17	84007	51	84132	53	84346	51	85204	52	85576	52	87763	40	97949	12	98149	9		
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55902	24	66136	20	66731	46	84036	53	84249	53	84375	51	85374	52	86122	52	96214	35	98121	9	98174	9		

Through the use of current technology and social media, RectorSeal provides support for all chemicals and mechanical products and tools including:

- Technical information
- Marketing materials
- Product installation training videos
- Product codes
- SDS and product data sheets.
- Trade show scheduling

Electrical



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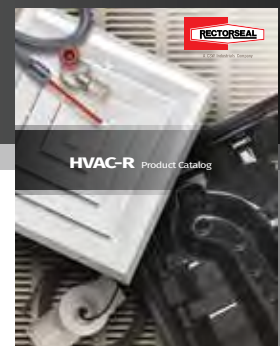
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