

# 03

## AIR PRODUCTS

PRODUITS D'AIR

PRODUCTOS DE AIRE

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**GROTE CARRIES AN EXTENSIVE LINE OF AIR PRODUCTS REQUIRED FOR OPTIMUM SYSTEM PERFORMANCE.**

**FROM COILED AIR HOSES TO SEALS AND SCREENS, OUR AIR PRODUCTS ARE DESIGNED AND MANUFACTURED TO MEET OR EXCEED THE TOUGHEST INDUSTRY STANDARDS.**

- Hoses are designed to withstand harsh conditions including extreme temperatures and harmful chemicals
- Tightly coiled tubing provides excellent recoil memory while minimizing sagging or kinking
- Working pressure of 150 psi
- 1/2" Outside Diameter
- Red Hose = Emergency; Blue Hose = Service
- Heavy gauge steel spring provides superior cable support
- Thread sealant added to all brass connectors for a leak-free seal
- 1/2" NPT, DOT brass fittings, standard on all models

# THE GROTE ADVANTAGE

Grote's coiled air hoses are designed to withstand harsh conditions including extreme temperatures and harmful chemicals. The tightly coiled tubing provides excellent recoil memory while minimizing sagging or kinking.



Extremely flexible air tubing has excellent recoil memory even under extreme temperatures

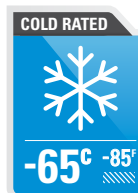


Brass handle for easy coupling and uncoupling



Swivel fittings, extra-long spring and thread sealant provide additional strain relief and ensure an air tight connection

## LOW TEMPERATURE COILED AIR



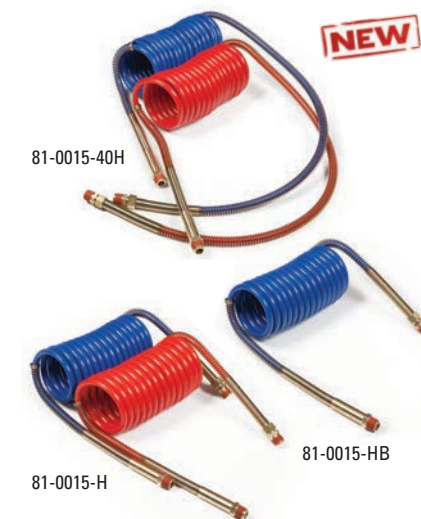
- Low temperature, double-jacketed coils remain flexible in extremely cold temperatures
- Operating temperature of -65°C (-85°F) to 104°C (220°F)
- Nylon Hose meets SAE J844, DOT FMVSS (49 CFR 571.106) & FMCSA (393.45) specifications
- Includes a swivel fitting for the tractor-end connection
- Brass handle enables a solid grip for coupling/uncoupling hoses

PART #	COLOR	WORKING LENGTH	LEADS	PACK
<b>12'</b>				
81-0012-C	Red & Blue	12'	6"	2
<b>15'</b>				
81-0015-C	Red & Blue	15'	12"	2
81-0015-RC	Red	15'	12"	1
81-0015-BC	Blue	15'	12"	1
81-0015-40C	Red & Blue	15'	12" & 40"	2
81-0015-40RC	Red	15'	12" & 40"	1
81-0015-40BC	Blue	15'	12" & 40"	1
<b>20'</b>				
81-0020-C	Red & Blue	20'	12"	2
81-0020-RC NEW	Red	20'	12"	1
81-0020-BC NEW	Blue	20'	12"	1

- Nylon Hose meets SAE J844, DOT FMVSS (49 CFR 571.106) & FMCSA (393.45) specifications
- Operating temperature of -40°C (-40°F) to 104°C (220°F); Includes a swivel fitting for the tractor-end connection; Brass handle enables a solid grip for coupling/uncoupling hoses

PART #	COLOR	WORKING LENGTH	LEADS	PACK
<b>12'</b>				
81-0012-H NEW	Red & Blue	12'	6"	2
81-0012-HR NEW	Red	12'	6"	1
81-0012-HB NEW	Blue	12'	6"	1
<b>15'</b>				
81-0015-H NEW	Red & Blue	15'	12"	2
81-0015-HR NEW	Red	15'	12"	1
81-0015-HB NEW	Blue	15'	12"	1
81-0015-40H NEW	Red & Blue	15'	12" & 40"	2
81-0015-40HR NEW	Red	15'	12" & 40"	1
81-0015-40HB NEW	Blue	15'	12" & 40"	1

## COILED AIR WITH BRASS HANDLE



- Nylon Hose meets SAE J844, DOT FMVSS (49 CFR 571.106) & FMCSA (393.45) specifications
- Operating temperature of -40°C (-40°F) to 104°C (220°F)
- Swivel fittings included on both ends for easy hook-up

PART #	COLOR	WORKING LENGTH	LEADS	PACK
<b>8'</b>				
81-0008 NEW	Red & Blue	8'	6"	2
81-0008-R NEW	Red	8'	6"	1
81-0008-B NEW	Blue	8'	6"	1
<b>12'</b>				
81-0012	Red & Blue	12'	6"	2
81-0012-R	Red	12'	6"	1
81-0012-B	Blue	12'	6"	1
<b>15'</b>				
81-0015	Red & Blue	15'	12"	2
81-0015-R	Red	15'	12"	1
81-0015-B	Blue	15'	12"	1
81-0015-40	Red & Blue	15'	12" & 40"	2
81-0015-40R	Red	15'	12" & 40"	1
81-0015-40B	Blue	15'	12" & 40"	1
<b>20'</b>				
81-0020	Red & Blue	20'	12"	2
81-0020-R	Red	20'	12"	1
81-0020-B	Blue	20'	12"	1

## COILED AIR



- 54" air hose with 1/4" NPT male brass connectors
- Includes swivel fittings on both ends for easy installation
- Includes heavy duty springs on both ends for strain relief
- Nylon 1/4" tubing meets SAE J844 - Type A specifications

PART #	DESCRIPTION	PACK
81-0054	54", 5th wheel air hose with dual swivel and springs	1

## 5TH WHEEL SLIDER HOSE



RUBBER AIR LINES



81-0112-RGR



81-0112-RGB



81-0115



81-0115-GRB

- 3/8" SAE J1402 Type A, EPDM rubber hose
- Meets or exceeds all DOT FMVSS No. 106 – Brake Hoses, 49 CFR 571.106
- Designed for operating pressure up to 225 psi
- Includes a swivel fitting for the tractor-end connection
- The rugged elastomeric hose is resistant to gasoline, diesel fuel, oil and other chemicals
- UV and ozone resistant
- Minimum burst pressure = 900 psi
- O.D. 3/4" (3/8" Hose); O.D. 7/8" (1/2" Hose)
- Available in Black, and now Red and Blue for easy identification of emergency and service lines
- Aluminum grips provide easy coupling/uncoupling
- Bulk rubber hose and spring guard available to make custom hoses
- Red and Blue bulk hose available upon request

PART #	HOSE COLOR	GRIP COLOR	WORKING LENGTH	PACK
<b>12'</b>				
81-0112-R <b>NEW</b>	Red	—	12'	1
81-0112-B <b>NEW</b>	Blue	—	12'	1
81-0112-RGR <b>NEW</b>	Red	Red	12'	1
81-0112-BGB <b>NEW</b>	Blue	Blue	12'	1
81-0112	Black	—	12'	1
81-0112-GRB	Black	Red & Blue	12'	2
81-0112-GR	Black	Red	12'	1
81-0112-GB	Black	Blue	12'	1
<b>15'</b>				
81-0115-R	Red	—	15'	1
81-0115-B	Blue	—	15'	1
81-0115-RGR <b>NEW</b>	Red	Red	15'	1
81-0115-BGB <b>NEW</b>	Blue	Blue	15'	1
81-0115	Black	—	15'	1
81-0115-GRB	Black	Red & Blue	15'	2
81-0115-GR	Black	Red	15'	1
81-0115-GB	Black	Blue	15'	1
<b>20'</b>				
81-0120	Black	—	20'	1
81-0120-GRB	Black	Red & Blue	20'	2
81-0120-GR	Black	Red	20'	1
81-0120-GB	Black	Blue	20'	1

BULK RUBBER AIR HOSE



81-0038-250

- -40°C (-40°F) to 93°C (200°F)

PART #	NOMINAL INSIDE DIA	NOMINAL OUTSIDE DIA	WORKING PRESSURE	MIN BEND RADIUS	WEIGHT (LB/FT)	LENGTH
81-0038-250	.375"	.75"	Min. Burst 900	2.25"	0.17	250'
81-0012-250	.5"	.88"	Min. Burst 900	3.00"	0.20	250'

3 IN 1 AIR AND POWER CORD ASSEMBLIES



**Plug Design**  
Plug made from crush resistant weather-tight elastomeric material. Includes solid brass nickel-plated pins.



**Cable-to-Plug Seal**  
Wire jacket is molded into the plug, sealing it from the elements and eliminating the need for a spring



**Anodized Grips**  
Provide strain relief and prevents kinking of the air coil. Allows user to couple and uncouple with ease

- UltraLink™ zinc die cast plugs are filled with elastomeric material that resists crushing and acts as a potting to seal solid brass terminals from moisture.
- A special adhesive bonds the cable to the plug, eliminating the need for a support spring and prevents moisture from entering the back of the plug.
- Premium ABS cords' advanced polymer jacketing material provides complete sealing & Abrasion protection. (-55°F to 190°F)
- Meets SAE J560, J2394 (ABS) certifications
- Air lines meet DOT FVSS No. 106 regulations and are resistant to gasoline, diesel fuel, oil and other chemicals
- Air lines meet DOT J1402, Type A regulations; 3/8" I.D. ; 225 psi working pressure
- High end spiral wrap protects the cable and air lines from chaffing and kinking
- Anodized glad handles provide superior corrosion resistance for easy coupling/uncoupling
- Includes a swivel fitting for the tractor-end connection
- Includes a high end hanging clamp and steel clip (81-0129)



81-3215



81-3115

PART #	HOSE COLOR	WORKING LENGTH	PACK
<b>12'</b>			
81-3212 <b>NEW</b>	Red & Blue	12'	1
81-3112 <b>NEW</b>	Black	12'	1
<b>15'</b>			
81-3215 <b>NEW</b>	Red & Blue	15'	1
81-3115 <b>NEW</b>	Black	15'	1
<b>20'</b>			
81-3120 <b>NEW</b>	Black	20'	1

SPRING GUARD

PART #	DESCRIPTION	PACK
81-0115-SPR	3/8" x 1/2" Reusable or Field Attachable Fitting with Spring Guard	2



81-0115-SPR

ANODIZED GLADHANDLES

- Provides strain relief and prevents kinking of the air coil
- Anodized coating provides superior corrosion resistance
- Allows user to couple/uncouple with ease
- Includes thread sealant on the male end

PART #	MATERIAL	FEATURES	COLOR	PACK
81-0125	Aluminum	Anodized	Red & Blue	2



81-0125

**GLADHANDS**

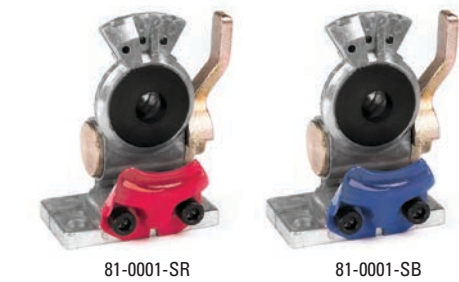


**STANDARD & ANGLED**

- Meets or exceed SAE J318 standards
- Aluminum castings with powder-coated steel clasp plates (service and emergency)
- Permanent clamp screws; Includes a large face rubber seal
- Polarized emergency and service gladhands
- Replacement seals available in rubber or polyethylene
- Port "A" comes standard as unplugged – 38° gladhands

PART #	MATERIAL	DESCRIPTION	COLOR	SCREEN	PACK
81-0001	Aluminum	Universal	–	No	1
81-0001-S <b>NEW</b>	Aluminum	Universal	–	Yes	1
81-0001-R	Aluminum	Emergency	Red	No	1
81-0001-RS <b>NEW</b>	Aluminum	Emergency	Red	Yes	1
81-0001-B	Aluminum	Service	Blue	No	1
81-0001-BS <b>NEW</b>	Aluminum	Service	Blue	Yes	1
81-0001-38R	Aluminum	38° Emergency	Red	No	1
81-0001-38RS <b>NEW</b>	Aluminum	38° Emergency	Red	Yes	1
81-0001-38B	Aluminum	38° Service	Blue	No	1
81-0001-38BS <b>NEW</b>	Aluminum	38° Service	Blue	Yes	1

**SHUTOFF GLADHANDS**



**HANDLE STYLE – SURFACE MOUNT**

- Meets or exceed SAE J318 standards
- Shut-off arm, surface mount
- 3/8" port
- Full-face rubber seals

PART #	MATERIAL	DESCRIPTION	COLOR	SCREEN	PACK
81-0001-SR	Aluminum	Shut-Off, Emergency	Red	No	1
81-0001-SB	Aluminum	Shut-Off, Service	Blue	No	1

**SHUTOFF GLADHANDS**

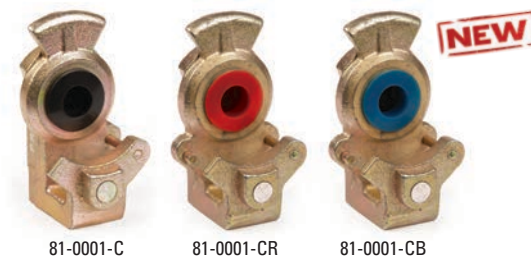


**KNOB STYLE – BULKHEAD**

- Meets or exceed SAE J318 standards
- Low-profile knob
- 3/8" port
- Full face rubber seal

PART #	MATERIAL	DESCRIPTION	COLOR	SCREEN	PACK
81-0001-SBR	Aluminum	Shut-Off, Emergency	Red	No	1
81-0001-SBB	Aluminum	Shut-Off, Service	Blue	No	1

**CAST IRON GLADHANDLES**



- Cast iron construction for extreme durability
- Polyurethane seals provides a reliable seal and longer service life
- Meets or exceeds J1318 standards

PART #	MATERIAL	DESCRIPTION	SEAL COLOR	PACK
81-0001-C	Cast Iron	Universal, Polyurethane Seal	Black	1
81-0001-CR	Cast Iron	Emergency, Polyurethane Seal	Red	1
81-0001-CB	Cast Iron	Service, Polyurethane Seal	Blue	1

- Seals resist oil, chemicals, ozone
- Improved wear resistance lengthens service life
- Retail and bulk pack options

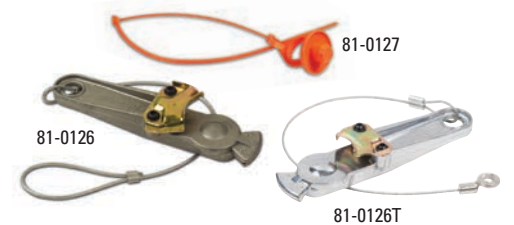
PART #	MATERIAL	FEATURES	COLOR	PACK
<b>PROTECTIVE DUST FLAP</b>				
81-0103-25	Polyurethane	Protective Dust Flap*	Grey	25
81-0102-100	Rubber	Protective Dust Flap*	Black	100
81-0102-08	Rubber	Protective Dust Flap*	Black	8
<b>LARGE FACE WITH BUILT-IN FILTER SCREEN</b>				
81-0113-100R	Polyurethane	w/ Built-In Filter Screen	Red	100
81-0113-08R	Polyurethane	w/ Built-In Filter Screen	Red	8
81-0113-100B	Polyurethane	w/ Built-In Filter Screen	Blue	100
81-0113-08B	Polyurethane	w/ Built-In Filter Screen	Blue	8
<b>LARGE FACE</b>				
81-0110-100R	Polyurethane	Large Face	Red	100
81-0110-08R	Polyurethane	Large Face	Red	8
81-0110-100B	Polyurethane	Large Face	Blue	100
81-0110-08B	Polyurethane	Large Face	Blue	8
81-0111	Polyurethane	Large Face	2 Red/2 Blue	4
81-0116-100BP <b>NEW</b>	Polyurethane	Large Face	Black	100
81-0116-08BP <b>NEW</b>	Polyurethane	Large Face	Black	8
<b>SMALL FACE</b>				
81-0112-100R	Polyurethane	Small Face	Red	100
81-0112-100B	Polyurethane	Small Face	Blue	100
81-0117-100BP <b>NEW</b>	Polyurethane	Small Face	Black	100
<b>DOUBLE LIP</b>				
81-0101-100	Rubber	Double Lip	Black	100
81-0101-08	Rubber	Double Lip	Black	8
<b>SINGLE LIP</b>				
81-0100-100	Rubber	Single Lip	Black	100
<b>FILTER SCREEN</b>				
81-0115-25	Stainless Steel	Filter Screen	–	25

**SEALS AND SCREENS**



**GLADHAND ACCESSORIES**

PART #	FEATURES	PACK
81-0126	Dummy Gladhand with 18" Stainless Steel Cable	1
81-0126T <b>NEW</b>	Dummy Gladhand with 18" Stainless Steel Cable and Heavy Duty Eyelet	1
81-0127	Gladhand Pacifier	1



**GLADHAND LOCK**

- Prevents unwanted connection to tractors/trailers
- Made of glass filled nylon
- Includes 2 keys – keyed alike

PART #	DESCRIPTION	PACK
81-0149 <b>NEW</b>	Gladhand Lock	1



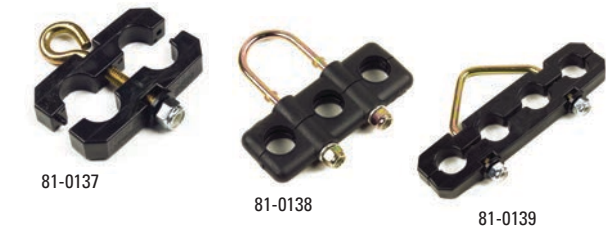
**TRACKER BAR SPRING REPLACEMENT KIT**



- Complete replacement kit in one convenient part
- Includes a heavy duty spring and cover; 3 hose holder and large tracker bar snap clip

PART #	DESCRIPTION	LENGTH	PACK SIZE
81-0135	Single Spring	16"	1
81-0147 <b>NEW</b>	Single Spring w 81-0129	20"	1
81-0145 <b>NEW</b>	Dual Spring	16"	1
81-0146 <b>NEW</b>	Dual Spring	25"	1

**HOSE HOLDERS**



- Designed to route and suspend air coils, hoses and electrical cables
- Provides excellent kink protection

PART #	DESCRIPTION	PACK SIZE
81-0137	2 Hose holder – 3/4" x 2, Eyelet Bolt	1
81-0138	3 Hose holder – 3/4" x 3, U-Bolt	1
81-0139	4 Hose holder – 3/4" x 4, Adjustable Bolt	1

**CABLE CLAMP HOLDER**

**NEW**



- Cable clamp & clip designed to support power cords and rubber air lines, including 3 in 1 assemblies
- Includes a heavy duty rubber insulated clamp and steel snap clip

PART #	DESCRIPTION	PACK SIZE
81-0129 <b>NEW</b>	Cable Clamp Holder	1

**SNAP CLIP**



- Stainless steel construction
- Ideal for use with a tracker bar

PART #	DESCRIPTION	PACK SIZE
81-0140	Snap Clip – Large	1

**POGO STICKS**



- Designed for nylon, rubber air hoses and heavy-duty ABS cables
- Internal heavy duty spring
- Includes a 7/16" mounting bolt, snap clip, 3 hose holder, eyebolt & nut

PART #	MATERIAL	LENGTH	PACK SIZE
81-0130	Chrome	40"	1
81-0131	Zinc dichromate	40"	1

**TENDER SPRINGS**

- Heavy duty springs provide superior support
- Designed for under trailer applications
- Double loop ends

PART #	DESCRIPTION	PACK SIZE
81-0136	24", Includes 2 hose holder	1



**SUSPENDER SPRINGS**

- Heavy duty springs provide superior support
- Outside diameter exceeds 1"
- Double loop ends

PART #	DESCRIPTION	PACK SIZE
81-0132	12", Tandem and airline support	1
81-0133	14 1/2", Straight cable assemblies	1
81-0134	23", HD application incl. ABS power cords	1



**HOSE HANGER CLAMPS**

- Quality material designed for low temperatures
- Ultra Violet (U.V.) and impact resistant

PART #	DESCRIPTION	PACK SIZE
83-7015	2 Hose holder – 3/8" x 2	25
83-7016	2 Hose holder – 1/2" x 2	25
83-7017	2 Hose holder – 3/8" and 1/2"	25



**DRAIN VALVE**

- 200 PSI maximum working pressure

PART #	FEATURES	PACK SIZE
81-0128	Drain Valve, 60" Stainless Steel Cable; 1/4" NPTF Male Thread	1



**EZ CLAW**



**EZ CLAW NEW**

- Automatic extension and retraction system for airlines, hydraulic hoses and electrical cords
- Keeps airlines and electrical cords off the deck plate / catwalk
- Prevents chafing and costly downtime due to parts failure
- Allows for 90" of hose and cable travel (45 degree turns) keeping hoses and cables safe and secure
- Mounting bracket options available for most tractors
- Easy installation

**EZ CLAW TRUCK & YARD DOG TENSIONER SYSTEM**

PART NO.	DESCRIPTION	MAX TENISON	PACK
81-2300	Main unit	25 lbs.	1

**EZ CLAW HYDRAULIC TENSIONER SYSTEM**

PART NO.	DESCRIPTION	MAX TENISON	PACK
81-2305	Main unit	40 lbs.	1

**EZ CLAW TRUCK MOUNTING BRACKETS**

- Designed for sleeper & day cab units; headache racks, tool boxes & side mounts

PART #	DESCRIPTION	APPLICATION	PACK SIZE
81-2301	Flange bracket	Most Sleeper	1
81-2302VM	Plate bracket – Versa-Mount	Day Cabs	1
81-2304	Flange bracket (Extended)	Headache & Tool Box	1

**EZ CLAW SLING**

- Keeps your hydraulic or air hoses in place
- U.V. protected nylon webbing with a brass grommet and stainless steel mounting hardware

PART NO.	DESCRIPTION	PACK
81-2306	Self-adjusting Nylon Sling with Mounting Hardware	1

**EZ CLAW AIR HOSE & CABLE HOLDER**

- Are rugged, lightweight and reduce hose and cable movement
- Constructed of high impact, glass reinforced, engineered plastic and stainless steel components
- Ensures a secure and safe connection to the main EZ CLAW unit

PART #	DESCRIPTION	PACK SIZE
81-2303	Air Hose & Cable Holder – 3/8" x 3/8"	1



81-2300



81-2301



81-2302VM

81-2303



81-2306

**AIR BRAKE TUBING – BULK**

- UV and ozone resistant nylon material; available in multiple lengths & colors
- Resistant to gasoline, diesel fuel and other road chemicals
- Meets or exceeds SAE J844 (Type A – non-reinforced & Type B – reinforced)
- Meets or exceeds SAE J844, DOT FMVSS (49 CFR 571.106) & FMCSA (393.45)
- Meets or exceeds DOT requirements for use with compression fittings
- Operates at up to 150 psi in air brake systems; Operating range: -40°F to 200°F

PART #	OUTSIDE DIAMETER	COLOR	TYPE	LENGTH
<b>1/8"</b>				
81-1018-1000B	1/8"	Black	A	1000'
81-1018-100B	1/8"	Black	A	100'
<b>5/32"</b>				
81-1532-1000B <span style="color: red;">NEW</span>	5/32"	Black	A	1000'
81-1532-100B <span style="color: red;">NEW</span>	5/32"	Black	A	100'
<b>1/4"</b>				
81-1014-1000B	1/4"	Black	A	1000'
81-1014-100B	1/4"	Black	A	100'
81-1014-1000BL	1/4"	Blue	A	1000'
81-1014-100BL	1/4"	Blue	A	100'
81-1014-1000G	1/4"	Green	A	1000'
81-1014-100G	1/4"	Green	A	100'
81-1014-1000R	1/4"	Red	A	1000'
81-1014-100R	1/4"	Red	A	100'
81-1014-1000Y	1/4"	Yellow	A	1000'
81-1014-100Y	1/4"	Yellow	A	100'
<b>5/16"</b>				
81-1516-500B	5/16"	Black	A	500'
81-1516-100B	5/16"	Black	A	100'
<b>3/8"</b>				
81-1038-500B	3/8"	Black	B	500'
81-1038-100B	3/8"	Black	B	100'
81-1038-500BL	3/8"	Blue	B	500'
81-1038-100BL	3/8"	Blue	B	100'
81-1038-500G	3/8"	Green	B	500'
81-1038-100G	3/8"	Green	B	100'
81-1038-500R	3/8"	Red	B	500'
81-1038-100R	3/8"	Red	B	100'
81-1038-500Y	3/8"	Yellow	B	500'
81-1038-100Y	3/8"	Yellow	B	100'
<b>1/2"</b>				
81-1012-500B	1/2"	Black	B	500'
81-1012-100B	1/2"	Black	B	100'
81-1012-500BL	1/2"	Blue	B	500'
81-1012-100BL	1/2"	Blue	B	100'
81-1012-500G	1/2"	Green	B	500'
81-1012-100G	1/2"	Green	B	100'
81-1012-500R	1/2"	Red	B	500'
81-1012-100R	1/2"	Red	B	100'
81-1012-500Y	1/2"	Yellow	B	500'
81-1012-100Y	1/2"	Yellow	B	100'
<b>5/8"</b>				
81-1058-250B	5/8"	Black	B	250'
<b>3/4"</b>				
81-1034-250B	3/4"	Black	B	250'



81-1014-100B



81-1038-100BL



81-1012-500R