

# BOSHART INDUSTRIES

Telephone: 1-519-595-4444 - Toll Free: 1-800-561-3164

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September 25/17

## HS SERIES "HEAVY DUTY" HEAT SHRINK KITS

"HS" Series heavy wall adhesive lined, flexible cross-linked polyolefin heat shrinkable tubing. **DESIGNED FOR THE NEW SMALLER O.D. LEAD WIRES** being used on submersible pump motors. This tubing is suitable for applications up to 600 volts providing excellent waterproof insulating and environmental sealing protection for splices, connections and jacket repairs. High impact and abrasion resistance of **THIS HEAVY WALL TUBING PROVIDES THE HIGHEST LEVEL OF MECHANICAL DURABILITY**. When heated above 120°C (250°F) there is a 3:1 shrink ratio. Tubing will shrink unrestricted to 33% of its original diameter, the recovered wall thickness of the tubing is proportional to the degree of recovery (approx. 0.08" /2mm when fully recovered)

**NOTE:** Due to the substantial wall thickness, the "HS" Series of Tubing takes longer to shrink to its fully recovered state (approx. 45-50 seconds). Time will vary depending on job site conditions and the heat source that is used.

Tube specs. - expanded I.D. = 0.40" min. recovered I.D. = 0.15" max. nominal wall thickness = 0.08" .

BLACK KIT PART NO.	CLEAR KIT PART NO.	WIRE SIZE RANGE	NO. OF BUTT CONN.	NO. OF SHRINK TUBES	TUBE LENGTH	QTY CASE	LIST PRICE-A
HS-2	HSC-2	14,12,10	2 (#14 - #10)	2	3"	50	2.24
HS-3	HSC-3	14,12,10	3 (#14 - #10)	3	3"	50	3.16
HS-3-4	HSC-3-4	14,12,10	4 (#14 - #10)	3	3"	50	3.48
HS-4	HSC-4	14,12,10	4 (#14 - #10)	4	3"	50	4.10

### #8 AWG AND #6 AWG PUMP CABLE KITS- BLACK

Tube specs. - expanded I.D. = 0.51" min. recovered I.D. = 0.16" max. nominal wall thickness = 0.09"

HS8-3	#8 AWG	2 (#8) & 1 (#14 - #10)	3	4"	10	9.33
HS8-4	#8 AWG	3 (#8) & 1 (#14 - #10)	4	4"	40	12.19
HS6-3	#6 AWG	2 (#6) & 1 (#8)	3	4"	10	11.35
HS6-4	#6 AWG	3 (#6) & 1 (#8)	4	4"	10	15.08

### DELUXE - X-TRA LONG STAKON (BUTT CONN) FOR DOUBLE CRIMPING

**NOTE: THE HEAT SHRINK TUBING IS SAME AS IN THE KITS ABOVE**

HS8-3XLS	#8 AWG	2 (#8) & 1 (#14 - #10)	3	4"	10	17.62
HS8-4XLS	#8 AWG	3 (#8) & 1 (#14 - #10)	4	4"	10	24.69
HS6-3XLS	#6 AWG	2 (#6) & 1 (#8)	3	4"	10	24.33
HS6-4XLS	#6 AWG	3 (#6) & 1 (#8)	4	4"	10	32.37

### #4 AWG PUMP CABLE KITS - BLACK

Tube specs. - expanded I.D. = 0.75" min. recovered I.D. = 0.24" max. nominal wall thickness = 0.09"

HS4-4	#4 AWG	3 (#4) & 1 (#6)	4	4.8"	10	21.36
<b>DELUXE</b>						
HS4-4XLS	#4 AWG	3 (#4) & 1 (#6)	4	4.8"	10	40.31

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<0.10% Pb



	OVERALL LENGTH DELUXE	STANDARD
#8	1.973	0.835
#6	2.37	1.015
#4	2.36	1.142



## #8 AWG, #6 AWG AND #4 AWG PUMP CABLE KITS - CLEAR

Tube specs. - expanded I.D. = 0.75" min. recovered I.D. = 0.22" max. nominal wall thickness = 0.08"

BLACK KIT PART NO.	CLEAR KIT PART NO.	WIRE SIZE RANGE	NO. OF BUTT CONN.	NO. OF SHRINK TUBES	TUBE LENGTH	QTY CASE	LIST PRICE-A
	HSC8-4	#8 AWG	3 (#8) & 1 (#14 - #10)	4	4"	10	12.36
	HSC6-4	#6 AWG	3 (#6) & 1 (#8)	4	4"	10	15.04
	HSC4-4	#4 AWG	3 (#4) & 1 (#6)	4	4.8"	10	19.31

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### DELUXE - X-TRA LONG STAKON (BUTT CONN) FOR DOUBLE CRIMPING

**NOTE: THE HEAT SHRINK TUBING IS SAME AS IN THE KITS ABOVE**

HSC8-4XLS	#8 AWG	3 (#8) & 1 (#14 - #10)	4	4"	10	24.24
HSC6-4XLS	#6 AWG	3 (#6) & 1 (#8)	4	4"	10	32.36
HSC4-4XLS	#4 AWG	3 (#4) & 1 (#6)	4	4.8"	10	39.00

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## STAKON CONNECTORS

PART NO.	WIRE SIZE	LENGTH OF CONNECT	DESCRIPTION	QUANTITY		LIST PRICE-A
				BAG	CASE	
SC-14-10	#14-10	Bulk Stakons	Bulk Stakons	25	500	0.41
SC-8	8	0.835	Bulk Stakons	10	200	1.35
SC-6	6	1.015	Bulk Stakons	10	200	1.94
SC-4	4	1.142	Bulk Stakons	4	200	3.18
SC-2	2	1.272	Bulk Stakons	4	100	4.43
<b>DELUXE</b>						
SC-8XLS	8	1.973	Bulk Stakons	10	200	5.94
SC-6XLS	6	2.370	Bulk Stakons	10	200	7.05
SC-4XLS	4	2.360	Bulk Stakons	4	200	9.26
SC-2XLS	2	2.600	Bulk Stakons	4	100	10.79



## HSK SERIES "FAST RECOVERY" HEAT SHRINK KITS

"HSK" Series adhesive lined cross-linked polyolefin heat shrinkable tubing is designed for applications up to 600 volts, and provides excellent sealing protection for splices, connections, and jacket repairs. The good abrasion resistance characteristics of this tubing provide excellent mechanical protection. When heated above 120°C (250°F) the tubing **SHRINKS RAPIDLY TO A SKIN TIGHT FIT**, forcing the melted adhesive to flow forming a flexible bond. Upon cooling the adhesive solidifies, forming a permanent, non-drying flexible and waterproof barrier **DESIGNED FOR THE NEW SMALLER O.D. LEAD WIRES being used on submersible pump motors.** With a 4:1 shrink ratio the tubing shrinks unrestricted to 25% of its original diameter. The recovered wall thickness of the tubing is proportional to the degree of recovery (approx. 0.043" /1.1 mm when fully recovered). **NOTE:** This tubing will shrink to its fully recovered diameter in 25-30 seconds. Time will vary depending on job site conditions and the heat source that is used.

Tube specs. - expanded I.D. = 0.45" min. recovered I.D. = 0.102" max. nominal wall thickness = 0.043" .

BLACK KIT PART NO.	LIST PRICE-A	CLEAR KIT PART NO.	LIST PRICE-A	WIRE SIZE RANGE	NO. OF BUTT CONN.	NO. OF SHRINK TUBES	TUBE LENGTH	QTY CASE
HSKB-2	1.93	HSKC-2	1.98	14,12,10	2 (#14 - #10)	2	3"	50
HSKB-3	2.71	HSKC-3	2.78	14,12,10	3 (#14 - #10)	3	3"	50
HSKB-3-4	3.02	HSKC-3-4	3.09	14,12,10	4 (#14 - #10)	3	3"	50
HSKB-4	3.49	HSKC-4	3.58	14,12,10	4 (#14 - #10)	4	3"	50
		* HSKC-12	9.97	14,12,10	12 (#14 - #10)	12	3"	50

\* The 12 pack contains 12 heat shrink tubes and 12 stakon connectors and are packaged in a resealable zip lock bag.

**NOTE:** Black tubing is flame retardant. However, due to the removal of the carbon content to produce transparent tubing, the clear tubing is not flame retardant.

Larger Diameter Tubing and Butt Splice Connectors Sold Separately

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## HEAT SHRINK TUBES

### 3" LONG HEAT SHRINK TUBES - CLEAR & BLACK

Bulk packed tubes, for tubing specifications refer to the information printed with the splice kits on previous page.

PART NO.	COLOUR	WIRE SIZE	EXPANDED ID (MIN)	RECOVERED ID (MAX)	WALL	TUBING LENGTH	QTY CASE	LIST PRICE-A
† HST-HS-3-BK	Black	14-10	0.40 in	0.15 in	0.08 in	3"	25	0.91 /3" pc
† HST-HS-3-CL	Clear	14-10	0.40 in	0.15 in	0.08 in	3"	25	0.91 /3" pc
†† HST-HSK-3-BK	Black	14-10	0.45 in	0.102 in	0.043 in	3"	25	0.77 /3" pc

† Used in "HS" Series Heavy Duty Kits

†† Used in "HSK" Series Fast Recovery Kits

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### 48" LONG HEAT SHRINK TUBES - BLACK

This heavy wall, adhesive lined 3:1 shrink ratio, cross-linked polyolefin heat shrinkable tubing has high impact and abrasion resistance, and provides excellent insulating/sealing protection for splices, connections and jacket repairs.

HST400-48-BK	Black	14-10	0.40 in	0.15 in	0.08 in	48"	48	0.48 /inch
HST500-48-BK	Black	8-6	0.51 in	0.16 in	0.09 in	48"	48	0.57 /inch
HST750-48-BK	Black	6-2	0.75 in	0.24 in	0.09 in	48"	48	0.60 /inch
HST1100-48-BK	Black	1-3/0	1.10 in	0.35 in	0.12 in	48"	48	1.03 /inch
HST1500-48-BK	Black	2/0-350	1.50 in	0.47 in	0.16 in	48"	48	1.27 /inch

### 48" LONG HEAT SHRINK TUBES - CLEAR

This clear wall, adhesive lined, 3:1 shrink ratio, cross-linked polyolefin heat shrinkable tubing allows for visual inspection of splices. It has high impact and abrasion resistance, and provides excellent insulating/sealing protection for splices, connections, and jacket repairs.

HST400-48-CL	Clear	14-10	0.40 in	0.15 in	0.08 in	48"	48	0.48 /inch
HST750-48-CL	Clear	8-2	0.75 in	0.22 in	0.08 in	48"	48	0.50 /inch





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## NO LEAD ELECTRICAL TAPE

- General all purpose black plastic vinyl tape
- Rated for continuous operation in temperature range of 14°F to 176°F (-10°C to 80°C)
- CSA Standard C22.2 No. 0 & 197 Certified
- UL Standard 570 Certified

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PART NO.	DESCRIPTION	TEMP. RANGE	QUANTITY		LIST PRICE-A
			CTN	CASE	
ETAWNL	General Purpose Vinyl Plastic Electrical Tape 0.18 mm x 19 mm x 18.3 m 7 MIL x 3/4" x 60	-10°C to 80°C 14°F to 176°F	10	200	2.52



## NO LEAD COLD & SUNLIGHT RESISTANT TAPE

- For use as electrical insulation on joints and splices in wires and cables, protective outer jacket, harness wrapping and protective conduits
- Low temperature application
- Resists abrasion, alkalis, acids, oil, solvents & corrosive chemicals
- Resists ultraviolet rays & moisture
- Flame retardant
- Plastic backing & aggressive rubber-resin adhesive
- Moisture tight electrical and mechanical protection
- CSA Standard C22.2 No. 0 & 197 Certified
- UL Standard 570 Certified

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PART NO.	DESCRIPTION	TEMP. RANGE	QUANTITY		LIST PRICE-A
			CTN	CASE	
ETCWNL	All Weather Vinyl Plastic 8 MIL x 3/4" x 60	-18°C to 80°C 0°F to 176°F	10	200	2.85



## SELF BONDING ELECTRICAL TAPE

- A conformable self-fusing rubber electrical insulating tape
- Designed for low voltage electrical insulating and moisture sealing applications
- Compatible with solid dielectric cable insulations
- Flexible over a wide temperature range
- CSA Standard C22.2 No. 0 & 197 Certified
- UL Standard 570 Certified

PART NO.	DESCRIPTION	TEMP. RANGE	QUANTITY		LIST PRICE-A
			CTN	CASE	
ETSBR	Self Fusing Rubber Splicing Tape 3/4" x 22 ft. x 30 mil	-10°C to 80°C 14°F to 176°F	10	50	13.53



Recommendation: Templex Rubber Splicing Tape should be overwrapped for mechanical protection with two half-lapped layers of either 3M vinyl electrical tape or cotton friction tape.

## NO LEAD "ALL WEATHER" PIPE WRAP TAPE

- Can be used on all types of pipe and fittings, including steel, galvanized, electrical conduit, cast and ductile iron
- Provides excellent insulating capacities and superior abrasion resistance
- Resists/reduces corrosion problems caused by salts, salt water, soil acids and minerals, alkalis, common chemicals, vapors and protects against fungus and bacteria
- Remains pliable in a wide range of temperature and working environments, resists the effects of outdoor weathering and sunlight exposure
- IAPMO UPC Standard D1000 Certified (Black Tape only)
- Operating Temperature: 14°F to 176°F (-10°C to 80°C)

RoHS CERTIFIED  
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PART NO.	DESCRIPTION	QUANTITY CTN	LIST PRICE-A
PW2-G10NL	2" x 100 ft x 10 mil Green - Not Listed	24	12.58



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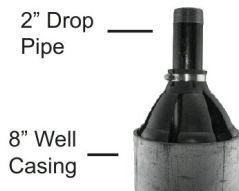


## SUBMERSIBLE TORQUE ARRESTORS

- Protects submersible pumps from starting torque damage
- Field-adjustable to hold pump centred in well
- Snug fit in all well casings from 4" to 8" I.D.
- Two piece design installs quickly
- Eliminates flashing problems
- Securely fasten to 1" or 1-1/4" drop pipe with the stainless steel clamps provided
- Infinite adjustment feature enables installer to obtain proper fit, eliminating damage to pumps due to high starting torque.

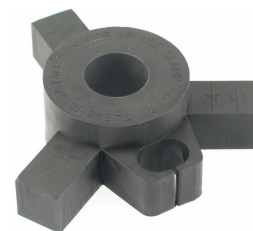


PART NO.	COLOUR	CASING SIZE	DROP PIPE SIZE	UNIT WGT	QUANTITY CASE	LIST PRICE-A
<b>FLEXIBLE POLY VINYL CHLORIDE (PVC)</b>						
TA-48-PVC	Black	4" to 8"	1" to 1-1/4"	1.0 lb	10	17.95
<b>STANDARD THERMO PLASTIC ELASTOMER (TPE)</b>						
TA-48-BLK	Black	4" to 8"	1" to 1-1/4"	1.0 lb	10	21.91
TA-48-GREEN	Green	4" to 8"	1" to 1-1/4"	1.0 lb	10	23.04
<b>DELUXE THERMO PLASTIC ELASTOMER (TPE)</b>						
TA-48D-BLK	Black	4" to 8"	1" to 1-1/4"	1.4 lb	10	25.87
TA-48D-GREEN	Green	4" to 8"	1" to 1-1/4"	1.4 lb	10	26.93
<b>THREE PIECE DESIGN</b>						
TA20-68D-BLK	Black	6" to 8"	2"		6	60.64



## TORQUE ARRESTOR "SPIDER"

- Unique wire guard feature
- Easily secured to drop pipes with stainless steel clamp (not included)
- Casing size clearly marked on torques for ease of cutting to size
- Molded from strong Styrene Butadiene Rubber (SBR)



1" to 2" Design

PART NO.	FITS DROP PIPE IPS	FITS CASING ID	QUANTITY CASE	SUGGESTED CLAMP SIZE	LIST PRICE-A
TAS46-10	1"	4" to 6"	1	SSC8740	10.64
TAS46-12	1-1/4"	4" to 6"	1	SSC8740	10.13
TAS46-15	1-1/2"	4" to 6"	1	SSC8740	9.62
TAS46-20	2"	4" to 6"	1	SSC8740	9.12

See Section 4 for Clamps



## CABLE TIES

- Natural Nylon 6/6 is not UV resistant and used mainly indoors
- Black Nylon 6/6 is UV resistant for both indoors and outdoors applications
- Carbon has been added to Nylon 6/6 to make it UV resistant
- Must order in Bag Quantities
- Max Temp Rating -40 to 185°F (-40 to 85°C)
- Cable Tie NEMA Type 2, 21
- ANSI/UL 94 Mtl Flame Rating V-2
- ANSI/UL Standard 62275 Certified



NATURAL PART NO.	LIST PRICE-A	BLACK PART NO.	LIST PRICE-A	LENGTH	TENSILE STRENGTH	MAX. DIA.	APPROX. WIDTH	PCS/BAG
CT018-04	0.02	CTW018-04	0.02	4.0"	18 lbs	5/8"	.10"	100
CT030-05.6	0.05	CTW030-05.6	0.05	5.6"	40 lbs	1 1/4"	.13"	100
CT040-08.5	0.07	CTW040-08.5	0.07	8.5"	40 lbs	2"	.13"	100
CT040-11.5	0.12	CTW040-11.5	0.12	11.5"	40 lbs	3"	.146"	100
CT040-14.5	0.15	CTW040-14.5	0.16	14.5"	50 lbs	4"	.146"	100

### HEAVY DUTY LASHING CABLE TIES (ULTRA VIOLET LIGHT RESISTANT)

CTW120-14.2	0.32	100
CTW120-24.2	0.60	50
CTW175-36	0.71	50
CTW175-41	1.44	50



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## SUPER-TIE ROPE HANGER

PART NO.	FITS CASINGS	ACCEPTS ROPE	WEIGHT	CTN	CASE	LIST PRICE-A
STRH-6	6" & 6-1/4" I.D.	1/4" - 3/8"	1.30 lb	5	40	35.95

NOTE: Brass easy tie rope adapters are available - See Section 4



## CABLE GUARDS

Cable guards will keep the power cable from abrading against the well casing. One should be placed at the pump and one every 15 ft there after. Furnished in 6" size, tabs can be cut off to fit 4" and 5" well casing also.



PART NO.	MODEL	DROP PIPE	UNIT WEIGHT	QUANTITY CTN	CASE	LIST PRICE-A
WG-6	Snap-In	1 & 1-1/4"	1.5 oz	100		1.29
WG-100	Self-Clamping	1"	2.0 oz		48	3.10
WG-125	Self-Clamping	1-1/4"	2.0 oz		48	9.32



Snap-in cable guard (WG-6) will fit 1" & 1 1/4" drop pipe while the self-clamping cable guard WG-100 will only fit 1" pipe and WG-125 will only fit 1-1/4" pipe.

## PVC DROP PIPE COUPLINGS

- Machined using extruded PVC coupling stock
  - Wall thickness is 30% heavier than Schedule 120 to ensure increased strength and reliability
- Note: To be used in well depths no greater than 400'

PART NO.	SIZE	OVERALL LENGTH	QUANTITY CTN	CASE	WGT. PER 100 PCS.	LIST PRICE-A
28-PDPC-10	1"	2-3/4"	10	100	12 lbs	3.11
28-PDPC-12	1-1/4"	2-3/4"	10	100	14 lbs	4.03
28-PDPC-15	1-1/2"	2-3/4"	10	100	25 lbs	4.71
28-PDPC-20	2"	3"	10	100	34 lbs	5.88



## STAINLESS STEEL DROP PIPE COUPLINGS

**Boshart recommends -** Using both Gray Stainless Steel PTFE Tape & Gray Magic Pipe Thread Compound together for joining stainless steel threaded connections.

- Inside chamfer on both ends for trouble free starting of threads
- Separate taper to ensure proper watertight seal
- Flats on sides for ease of use with wrench
- Heavy duty construction 304 Stainless Steel



PART NO.	SIZE	OVERALL LENGTH	QUANTITY CTN	CASE	WGT. PER 100 PCS.	LIST PRICE-A
28-SSDPC-10	1"	2-1/2"	10	50	72 lbs	14.54
28-SSDPC-12	1-1/4"	2-1/2"	10	50	87 lbs	17.03
28-SSDPC-15	1-1/2"	2-1/2"	10	50	116 lbs	21.53
28-SSDPC-20	2"	2-1/2"	5	25	134 lbs	25.41



# BOSHART INDUSTRIES

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December 4/15

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## ROPE PERFORMANCE CHART



Elongation (Stretch)  
Resistance To Shock Load  
Mildew Resistance  
Acid Resistance  
Alkali Resistance  
Sunlight Resistance  
Critical Temperature  
Floatability  
Specific Gravity  
Abrasion Resistance

**NYLON**  
Most  
Greatest  
Excellent  
Fair  
Excellent  
Good  
350°F  
Sinks  
1.14  
Very Good

**POLYPROPYLENE**  
Medium  
Great  
Excellent  
Excellent  
Excellent  
Good  
250°F  
Floats Indefinitely  
.91  
Good

## BRAIDED POLYPROPYLENE ROPE

- 100% monofilament fibers
- Floats on water, retains strength when wet, and may be stored wet without damage
- Lightweight flexibility
- High resistance to abrasion, mildew, oil, grease, gasoline, marine growth, and many chemicals
- Best for tie-downs, utility hand lines, pulling lines, ladder lines, marine uses
- Hollow braid monofilament



PART NO.	DIA. INS	LENGTH	COLOUR	REEL	LBS/ REEL	TENSILE STRENGTH	LIST PRICE-A PER REEL
SRPB-1/4	1/4"	1000 ft	Blue & White	Plastic	8.0	975 lbs	59.34
SRPB-1/4-3000	1/4"	3000 ft	Blue & White	Plywood	28.0	975 lbs	160.82
SRPB-1/4-500	1/4"	500 ft	Blue & White	Plastic	4.5	975 lbs	35.41

## TWISTED POLYPROPYLENE ROPE

### FEATURES

- 3-Strand Twisted Polypropylene
- Waterproof
- Easy to Handle
- Resists most chemicals
- Resistant to colour fading
- Floatable
- Rot Resistant
- Resists Oil and Gasoline
- Resistant to Abrasion



PART NO.	DIA. INS	LENGTH	COLOUR	REEL	LBS/ REEL	TENSILE STRENGTH	LIST PRICE-A PER REEL
SRPT-1/4	1/4"	1300 ft	Solid Yellow	Plastic	16.0	1130 lbs	108.01
SRPT-5/16	5/16"	975 ft	Solid Yellow	Plastic	19.0	1710 lbs	127.66
SRPT-3/8	3/8"	630 ft	Solid Yellow	Plastic	16.0	2440 lbs	141.67
SRPT-1/2	1/2"	335 ft	Solid Yellow	Plastic	17.4	3780 lbs	126.36
SRPT-04-1200BLK	1/4"	1200 ft	Black	Plastic	14.99	1120 lbs	112.45

### SWIM LINE ROPE

SRPT-04-600B	1/4"	600 ft	Blue & White	Plywood	8.2	1120 lbs	54.42
SRPT-06-300B	3/8"	300 ft	Blue & White	Plywood	9.4	1450 lbs	POR
SRPT-06-600B	3/8"	600 ft	Blue & White	Plywood	18.8	1450 lbs	123.17
SRPT-08-300B	1/2"	300 ft	Blue & White	Plywood	15.1	3780 lbs	POR
SRPT-08-600B	1/2"	600 ft	Blue & White	Plywood	30.2	3780 lbs	210.83
SRPT-12-300B	3/4"	300 ft	Blue & White	Plywood	34.6	7650 lbs	263.29

## SOLID BRAID NYLON ROPE

- High elasticity and working strength
- Can be stored wet without damage
- Solid braid stays round, has uniform diameter, will not rotate
- Works well in pulleys, winches, general tie downs, tarp securing and marine uses



PART NO.	DIA. INS	LENGTH	COLOUR	REEL	LBS/ 1000 FT	TENSILE STRENGTH	LIST PRICE-A PER REEL
SRNB-1/4	1/4"	1000 ft	White	Plastic	14.5	1200 lbs	195.19
SRNB-3/8	3/8"	1000 ft	White	Wood	39.0	2700 lbs	475.70

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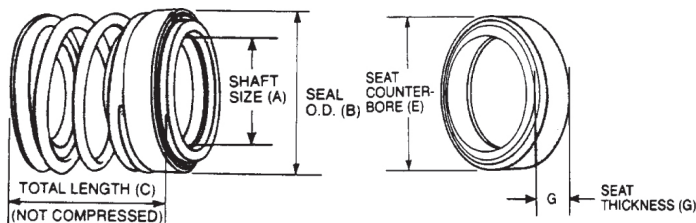
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September 25/17

## MECHANICAL SHAFT SEALS FOR PUMPS

### MATERIAL SPECIFICATIONS

FLEXIBLE MEMBERS - BUNA-N-RUBBER  
 SEAL FACE - CARBON  
 METAL PARTS - STAINLESS STEEL  
 SEATS - CERAMIC (TEFLON® COATED)  
 SPRINGS - STAINLESS STEEL



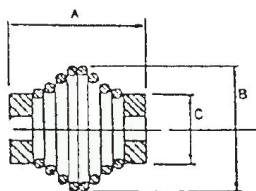
PART NO.	SHAFT SIZE(A)	SEAL			SEAT		LIST PRICE-A
		O.D. (B)	WORKING MIN.	LENGTH MAX.(C)	COUNTER BORE DIA.(E)	THICKNESS(G)	
SS-1000	5/8" .625"	1.219	.703	.735	1.187	.344	4.97
SS-2000	5/8" .625"	1.219	.703	.735	1.250	.406	4.78
SS-2010	3/4" .750"	1.344	.703	.735	1.375	.406	6.02



## SEAL / PUMP REFERENCE

SEAL	SHAFT SIZE	PUMPS SERVICES
1000	.625	ACE, PEERLESS, STA-RITE, E.P.M., GOULDS
1010	.750	MYERS
2000	.625	BERKELEY, JACUZZI, SOUTHERN, MONARCH, E.P.M., WORTHINGTON, MYERS
2008	.625	MONARCH
2010	.750	DURO LITTLE GIANT, DURO BIG GIANT, BERKELEY HOMELITE, JACUZZI, MARLOW, SOUTHERN, MONARCH, E.P.M., RED JACKET
4000	.500	ARMSTRONG, ROPER, BELL AND GOSSETT
4022	.500	ARMSTRONG, (CANADIAN TIRE)
4145	.750	UPRIGHT, MULTI STAGE BEATTY OR STA-RITE
4705	.625	BEATTY, MCDUGAL
5010	.625	WEINMAN, FAIRBANKS, EVERITE, MORSE, MCDUGAL

## CIRCULATOR COUPLINGS



### FEATURES

- Easy to install
- Quiet running
- Long life (no wearing surfaces)
- Superior alignment capabilities
- Easier on pump and motor (Less rigidity puts less load on bearings and seals)

PART NO.	SHAFT SIZE	H.P. RATING	TORSION SPRING	END PIECES	A	B	C	QUANTITY CTN	LIST PRICE-A
24-15	1/2 x 1/2	1/12 - 1/3	#302 S.S.	Brass	1.20"	1.75"	1.00"	25	11.88

### CROSS REFERENCE CHART

BOSHART PART NO.	EASYLINK PART NO.	B&G OLD PART NO.	B&G NEW PART NO.	ARMSTRONG PART NO.
24-15	10010	PZ-4291	118705	806026-001
		P2Z-12291	118723	806168-001



# BOSHART INDUSTRIES

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December 28/17

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## PIPE CUTTERS

- Cuts through 2" POLY, PVC, PEX, ABS and CPVC pipe or conduit
- Heavy duty cast metal handle
- Smooth ratcheting action handle for ease of use
- Stainless steel blade (replacement blades available)
- Latching handle for carrying in closed position



PART NO.	DESCRIPTION	QUANTITY		LIST PRICE-A
		CTN	CASE	
28-PC-0120	Cuts up to 2" - Max O.D. 2.52" (64mm)	6	24	126.48
28-PCRBA-0120	28-PC-0120 Replacement Blade			20.24

- Cuts through 1-1/4" POLY, PVC, PEX, ABS and CPVC pipe or conduit
- Heavy duty cast metal handle
- Smooth ratcheting action for ease of use with quick release thumb lever to open
- Stainless steel blade (replacement blades available)
- Latching handle for carrying in closed position



PART NO.	DESCRIPTION	QUANTITY		LIST PRICE-A
		CTN	CASE	
28-PC-0112	Cuts up to 1-1/4" - Max O.D. 1.66" (42mm)	6	24	33.53
28-PCRBA-0112	28-PC-0112 Replacement Blade			14.72

- Cuts through 1" POLY, PVC, PEX, ABS and CPVC pipe, tubing or conduit
- Heavy duty cast metal handle
- "Normally open" spring action handle for ease of use
- Stainless steel reversible blade (replacement blades available)
- Latching handle for carrying in closed position



PART NO.	DESCRIPTION	QUANTITY		LIST PRICE-A
		CTN	CASE	
28-PC-0110	Cuts up to 1" - Max O.D. 1.315" (33mm)	12	72	15.28
28-PCRB-0110	28-PC-0110 Replacement Blade			8.18

- Cuts through 1" POLY, PVC, PEX and ABS pipe, tubing or conduit
- Durable nylon handle
- "Normally open" spring action handle for ease of use
- Stainless Steel blade (replacement blades available)
- Latching handle for carrying in closed position



PART NO.	DESCRIPTION	QUANTITY		LIST PRICE-A
		CTN	CASE	
28-PCP-0110	Cuts up to 1" - Max O.D. 1.315" (33mm)	10	60	13.06
28-PCPRB-0110	28-PCP-0110 Replacement Blade			8.18

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September 25/17

## CONTRACTOR BINS - NUT DRIVER

### Features:

- Plastic Storage Tote • Removeable Bins
- Clear Lid with latches to secure contents
- Great for storing a wide variety of items: gear clamps, push fit, Twistloc, flare & compression and other fittings
- **Gear Clamp Kits - Design your own mix of products to suit your customers needs!**

PART NO.	APPROXIMATE BIN SIZES & QUANTITY				BIN SIZE	LIST PRICE-A
	6" x 4" x 3-1/2"	4" x 3" x 3-1/2"	3" x 2" x 1-3/4"	2" x 1-1/2" x 1-3/4"		
28-CBD-09	3	6			deep	41.73
28-CBD-12		12			deep	42.57
28-CBS-30			18	12	shallow	29.55



Part No. 28-CBD-09



Part No. 28-CBD-12



Part No. 28-CBS-30

- Driver with Flexible Shaft and Reversible Socket



PART NO.	SIZE	LIST PRICE-A
28-FND	1/4" X 5/16" Dual Hex Nut	10.17

## TAPE MEASURES

### Features:

- Heavy duty construction rubber encapsulated for durability
- Belt Clip
- Locking Feature
- Imperial and Metric

PART NO.	DESCRIPTION	LIST PRICE-A
28-TM06	Swivel Key Chain - 6 Ft (2 Meters) Personalization available on orders of 3000	2.08
28-TM25	25 Ft (7.5 Meters) Personalization available on orders of 2000	12.10



# BOSHART INDUSTRIES

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May 8/18

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## JET-LUBE® ISO 9001

Jet-Lube®'s Water Well, Environmental, and Horizontal Directional Drilling products have been recognized as the industry standard. Whether the products are thread compounds or thread sealants used on drill pipe collars, stabs, subs, wire and cable, or those products used on pumps, compressors, potable water connections, etc., Jet-Lube products have been "tested tough" on rigs and jobsites all over the world. Jet-Lube leads industry in the development of NSF Compliant products for drilling, production and lubrication applications that are proven environmentally compliant, while exceeding all expectations for performance. Jet-Lube has long been a member and active supporter of the NATIONAL GROUND WATER ASSOCIATION (NGWA), NATIONAL DRILLING ASSOCIATION (NDA), as well as numerous other industry related groups.

### KOPR-KOTE® Tool Joint & Drill Compound

- Copper-based compound with very high static friction factor to prevent downhole joint make up when excessive
- Lead and zinc free, marine friendly, non-corrosive formula
- NSF Registered H2

PART NO.	DESCRIPTION	QUANTITY CTN	LIST PRICE-A
JL-10023	1 Gallon Pail	150	179.77
JL-10012	2 Gallon Pail	60	339.33
JL-10015	5 Gallon Pail	36	673.92

### JET-LUBE 21® Double Duty Drill Collar & Tool Compound

- Formulated for the protection and prevention of excessive circumferential makeup in hostile drilling
- Lead, zinc and PTFE free, environmentally and marine friendly
- Rust & corrosion inhibited formula

PART NO.	DESCRIPTION	QUANTITY CTN	LIST PRICE-A
JL-10923	1 Gallon Pail	150	116.36
JL-10912	2 Gallon Pail	60	226.44



### JLS® (JET-LUBE Special) Tool Joint Compound

- Designed to provide superior performance on the rig floor and downhole in medium duty drilling
- Unique high temperature grease base with brushability over a wide temperature range
- Lead and zinc free, low sulfur content

PART NO.	DESCRIPTION	QUANTITY CTN	LIST PRICE-A
JL-11923	1 Gallon Pail	150	92.94
JL-11912	2 Gallon Pail	60	172.13

### ENVIRO-GUARD™ Drop Pipe Lubricant & Sealant

- Biodegradable, non-toxic & contains no metal
- Highly water resistant and contains inhibitors that allow it to withstand and provide protection against corrosion
- Ideal for use on high-chrome connections and to extend the life of water well casing

PART NO.	DESCRIPTION	QUANTITY CTN	LIST PRICE-A
JL-18423	1 Gallon Pail	150	206.67

### ECO-SAFE™ Nonmetallic Thread Compound

- Biodegradable, non-toxic & contains no metal
- Superior adhesion to wet steel surfaces with resistance to water wash-off and most drilling fluids
- NSF Standard 61 Certified & Registered H2

PART NO.	DESCRIPTION	QUANTITY CTN	LIST PRICE-A
JL-14523	1 Gallon Pail	150	167.43
JL-14512	2 Gallon Pail	60	338.02



### PITLESS ADAPTER LUBE Premium Assembly Lubricant/Preservative

- Specifically formulated to aid in the assembly and preservation of pitless adapters in waterwell casing
- USDA H-1 food grade, antibacterial/antifungal, anti-seize formula
- Safe on metal, plastics & most elastomers

PART NO.	DESCRIPTION	QUANTITY CTN	LIST PRICE-A
JL-71741	12 oz. Aerosol	12	25.53

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May 8/18

## JET-LUBE® ISO 9001 cont'd

### WIREHOG™ Well Casing Brushes

- Rugged construction brushes for steel or PVC well casing
- 1-1/4" FNPT coupling connection to attach to pipe for brushing

PART NO.	DESCRIPTION	QUANTITY CTN	LIST PRICE-A
JL-DWT112	4" diam. Steel Brush		289.33
JL-DWT118	6" diam. Steel Brush		301.37
JL-DWT156	4" diam. Poly Brush		216.99
JL-DWT165	5" diam. Poly Brush		216.99
JL-DWT168	6" diam. Poly Brush		229.04
JL-DWT171	8" diam. Poly Brush		257.95



### STERILENE™ Water Well Treating Additive

- Sodium based, granular chlorine effective at removing environment for coliform bacteria in wells and pipelines
- Removes mineral scale build-up that causes plugging and a reduction of the yield in a well
- NSF Standard 60 Certified

PART NO.	DESCRIPTION	QUANTITY CTN	LIST PRICE-A
JL-DWT203	8 oz. Jar	12	32.88
JL-DWT206	8.5 lb Jug	4	297.25



### CLEAN-UP™ Industrial Cleaner & Safety Solvent

- Low odour, residue free, ozone friendly
- Heavy-duty, low-foaming, chlorinated solvent and degreaser
- Effectively dissolves grease, oil, paint, grime, dirt and dust on contact

PART NO.	DESCRIPTION	QUANTITY CTN	LIST PRICE-A
JL-61542	18 oz. Aerosol	12	24.71

### CLEAN-UP II™ Industrial Cleaner & Safety Solvent

- Low odour, residue free, ozone friendly
- Specially formulated low VOC blend of organic solvents
- Designed to quickly dissolve and rinse away dirt, grease, grime, oil, tar and wax

PART NO.	DESCRIPTION	QUANTITY CTN	LIST PRICE-A
JL-61442	14 oz. Aerosol	12	17.35



### WHITE KNIGHT™ Food Grade Anti-Seize

- Premium quality anti-seize compound developed specifically for use in applications where incidental food contact
- Protects metal parts from seizure, galling, rust, corrosion and heat freeze
- NSF Registered H1

PART NO.	DESCRIPTION	QUANTITY CTN	LIST PRICE-A
JL-16404	1 lb	12	42.74
JL-16423	1 Gallon Pail	150	148.88



### 769 LUBRICANT® Penetrant / Lubricant / Moisture Displacer

- Rusted and frozen metal parts are easily loosened
- Superior lubricating protection and anti-wear properties
- Designed to lift and displace moisture, preventing rust & corrosion
- NSF Registered H2

PART NO.	DESCRIPTION	QUANTITY CTN	LIST PRICE-A
JL-37341	1 Gallon Pail	12	23.54

### DOPE BRUSHES

- Available in taper or bevel ends
- Used to apply any bulk product from 1, 2 & 5 gallon pails

PART NO.	DESCRIPTION	QUANTITY CTN	LIST PRICE-A
JL-3000	Taper End	12	38.98
JL-3500	Bevel End	12	37.22



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