

# INSTALLATION ACCESSORIES

Wide range of products including splice kits, cable ties, and water well accessories

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### FAST RECOVERY HEAT SHRINK KITS

Boshart's fast recovery heat shrink kits are made of adhesive lined cross-linked polyolefin heat shrinkable tubing that is designed for applications up to 600 volts. The good abrasion resistance characteristics of this tubing provide excellent mechanical protection. When heated above 120°C (250°F) there is a 4:1 shrink ratio. Upon cooling the adhesive solidifies, forming a permanent, non-drying flexible and waterproof barrier. Black tubing is flame retardant, clear tubing is not flame retardant.

• RoHS Certified directive 2002/95/EC <0.1% Pb



Part No.	Number of Stakons	Number of Shrink Tubes	Tube Length	Wire Size AWG	Wall Thickness	Quantity L1 L2
<b>Black, Expanded ID: 0.45", Recovered ID: 0.10"</b>						
HSKB-2	2 (#14 - #10)	2	3"	#14 to #10	0.043"	50
HSKB-3	3 (#14 - #10)	3	3"	#14 to #10	0.043"	50
HSKB-3-4	4 (#14 - #10)	3	3"	#14 to #10	0.043"	50
HSKB-4	4 (#14 - #10)	4	3"	#14 to #10	0.043"	50
<b>Clear, Expanded ID: 0.45", Recovered ID: 0.10"</b>						
HSKC-2	2 (#14 - #10)	2	3"	#14 to #10	0.043"	50
HSKC-3	3 (#14 - #10)	3	3"	#14 to #10	0.043"	50
HSKC-3-4	4 (#14 - #10)	3	3"	#14 to #10	0.043"	50
HSKC-4	4 (#14 - #10)	4	3"	#14 to #10	0.043"	50
HSKC-12	12 (#14 - #10)	12	3"	#14 to #10	0.043"	50

### DELUXE HEAVY DUTY HEAT SHRINK KITS

Boshart's deluxe heavy duty heat shrink kit series have the same heat shrink tubes as the heavy duty heat shrink kits. They have extra long stakons (butt conn) for double crimping.

• RoHS Certified directive 2002/95/EC <0.1% Pb



Part No.	Number of Stakons	Number of Shrink Tubes	Tube Length	Wire Size AWG	Wall Thickness	Quantity L1 L2
<b>Black, Expanded ID: 0.75", Recovered ID: 0.24"</b>						
HS4-4XLS	3 (#4) & 1 (#6)	4	4.80"	#4	0.090"	10
<b>Clear, Expanded ID: 0.75", Recovered ID: 0.22"</b>						
HSC4-4XLS	3 (#4) & 1 (#6)	4	4.80"	#4	0.080"	10
<b>Black, Expanded ID: 0.51", Recovered ID: 0.16"</b>						
HS6-3XLS	2 (#6) & 1 (#8)	3	4"	#6	0.090"	10
HS6-4XLS	3 (#6) & 1 (#8)	4	4"	#6	0.090"	10
<b>Clear, Expanded ID: 0.75", Recovered ID: 0.22"</b>						
HSC6-4XLS	3 (#6) & 1 (#8)	4	4"	#6	0.080"	10
<b>Black, Expanded ID: 0.51", Recovered ID: 0.16"</b>						
HS8-3XLS	2 (#8) & 1 (#14 - #10)	3	4"	#8	0.090"	10
HS8-4XLS	3 (#8) & 1 (#14 - #10)	4	4"	#8	0.090"	10
<b>Clear, Expanded ID: 0.75", Recovered ID: 0.22"</b>						
HSC8-4XLS	3 (#8) & 1 (#14 - #10)	4	4"	#8	0.080"	10

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### HEAVY DUTY HEAT SHRINK KITS

Boshart's heavy duty heat shrink kit series are made of flexible cross-linked polyolefin heat shrinkable tubing. This tubing is suitable for applications up to 600 volts providing excellent waterproof insulating and environmental sealing protection for splices, connections and jacket repairs. The 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.

• RoHS Certified directive 2002/95/EC <0.1% Pb



	Part No.	Number of Stakons	Number of Shrink Tubes	Tube Length	Wire Size AWG	Wall Thickness	Quantity L1 L2
	<b>Black, Expanded ID: 0.75", Recovered ID: 0.24"</b>						
	HS4-4	3 (#4) & 1 (#6)	4	4.80"	#4	0.090"	10
	<b>Clear, Expanded ID: 0.75", Recovered ID: 0.22"</b>						
	HSC4-4	3 (#4) & 1 (#6)	4	4.80"	#4	0.080"	10
	<b>Black, Expanded ID: 0.51", Recovered ID: 0.16"</b>						
	HS6-3	2 (#6) & 1 (#8)	3	4"	#6	0.090"	10
	HS6-4	3 (#6) & 1 (#8)	4	4"	#6	0.090"	10
	<b>Clear, Expanded ID: 0.75", Recovered ID: 0.22"</b>						
	HSC6-4	3 (#6) & 1 (#8)	4	4"	#6	0.080"	10
	<b>Black, Expanded ID: 0.51", Recovered ID: 0.16"</b>						
	HS8-3	2 (#8) & 1 (#14 - #10)	3	4"	#8	0.090"	10
	HS8-4	3 (#8) & 1 (#14 - #10)	4	4"	#8	0.090"	40
	<b>Clear, Expanded ID: 0.75", Recovered ID: 0.22"</b>						
	HSC8-4	3 (#8) & 1 (#14 - #10)	4	4"	#8	0.080"	10
	<b>Black, Expanded ID: 0.40", Recovered ID: 0.15"</b>						
	HS-2	2 (#14 - #10)	2	3"	#14 to #10	0.080"	50
	HS-3	3 (#14 - #10)	3	3"	#14 to #10	0.080"	50
	HS-3-4	4 (#14 - #10)	3	3"	#14 to #10	0.080"	50
	HS-4	4 (#14 - #10)	4	3"	#14 to #10	0.080"	50
	<b>Clear, Expanded ID: 0.40", Recovered ID: 0.15"</b>						
	HSC-2	2 (#14 - #10)	2	3"	#14 to #10	0.080"	50
	HSC-3	3 (#14 - #10)	3	3"	#14 to #10	0.080"	50
	HSC-3-4	4 (#14 - #10)	3	3"	#14 to #10	0.080"	50
	HSC-4	4 (#14 - #10)	4	3"	#14 to #10	0.080"	50

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## HEAT SHRINK TUBES

These heat shrink tubes are sold in bulk rather than part of a kit.

• RoHS Certified directive 2002/95/EC <0.1% Pb


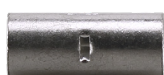


Part No.	Tube Length	Expanded ID	Recovered ID	Wire Size AWG	Wall Thickness	Quantity	
						L1	L2
<b>Black</b>							
 HST-HS-3-BK	3"	0.40"	0.15"	#14 to #10	0.080"	25	
HST-HSK-3-BK	3"	0.45"	0.10"	#14 to #10	0.043"	25	
<b>Clear</b>							
 HST-HS-3-CL	3"	0.40"	0.15"	#14 to #10	0.080"	25	
<b>Black</b>							
 HST400-48-BK	48"	0.40"	0.15"	#14 to #10	0.080"	48	
HST500-48-BK	48"	0.51"	0.16"	#8 to #6	0.090"	48	
HST750-48-BK	48"	0.75"	0.24"	#6 to #2	0.090"	48	
HST1100-48-BK	48"	1.10"	0.35"	#1 to #3/0	0.120"	48	
HST1500-48-BK	48"	1.50"	0.47"	#2/0 to #350	0.160"	48	
<b>Clear</b>							
 HST400-48-CL	48"	0.40"	0.15"	#14 to #10	0.080"	48	
HST750-48-CL	48"	0.75"	0.22"	#8 to #2	0.080"	48	

## STAKON CONNECTORS

These stakon connectors are sold in bulk rather than part of a kit.



Part No.	Wire Size AWG	Quantity	
		L1	L2
<b>Standard</b>			
 SC-2	#2	4	100
SC-4	#4	4	200
SC-6	#6	10	200
SC-8	#8	10	200
SC-14-10	#14 to #10	25	500
<b>Deluxe</b>			
 SC-2XLS	#2	4	100
SC-4XLS	#4	4	200
SC-6XLS	#6	10	200
SC-8XLS	#8	10	200

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### ELECTRICAL TAPE

Boshart's electrical tapes are available for a wide range of applications.

- CSA Standard C22.2 No. 0 & 197 Certified
- UL Standard 570 Certified
- RoHS Certified directive 2002/95/EC <0.1% Pb



Part No.	Size	Length	Thickness	Quantity	
				L1	L2



#### Electrical Tape

Temperature Range: 14°F to 176°F (-10°C to 80°C),  
This vinyl tape is a general all purpose tape.

ETAWN	3/4"	60'	0.007" (7 mils)	10	200
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#### Cold & Sunlight Electrical Tape

Temperature Range: 0°F to 176°F (-18°C to 80°C),

This vinyl tape is for use as electrical insulation on joints & splices in wires and cables, protective outer jacket, harness wrapping and protective conduits. It is for low temperature applications and resists abrasions, alkalis, acids, oil, solvents, corrosive chemicals, ultraviolet rays & moisture. Retardant to flames. It has a plastic backing & aggressive rubber-resin adhesive. This cold & sunlight electrical tape offers moisture tight electrical & mechanical protection.

ETCWN	3/4"	60'	0.008" (8 mils)	10	200
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#### Self Bonding Electrical Tape

Temperature Range: 14°F to 176°F (-10°C to 80°C),

This tape is a self fusing rubber electrical insulating tape. It is designed for low voltage electrical insulating & moisture sealing applications. Compatible with solid dielectric cable insulation. It is recommended that this tape should be over wrapped for mechanical protection with two half lapped layers of electrical tape or cotton friction tape.

ETSBR	3/4"	22'	0.03" (30 mils)	10	20
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### "ALL WEATHER" PIPE WRAP TAPE

Boshart's all weather pipe wrap tape can be used on all types of pipe and fittings including steel, galvanized, electrical conduit, cast & ductile iron. It has excellent insulating capacities and superior abrasion resistance. This tape reduces corrosion problems caused by salts, salt water, solid acids, minerals, alkalis, common chemicals, vapors and protects against fungus and bacteria. It remains pliable in a wide range of temperature and working environments, resists the effects of outdoor weathering and sunlight exposure.

- IAPMO UPC Standard D100 Certified
- RoHS Certified directive 2002/95/EC <0.1% Pb



Part No.	Size	Length	Thickness	Quantity	
				L1	L2



Temperature Range: 14°F to 140°F (-10°C to 60°C)

PW2-10NL	2"	100'	0.01" (10 mils)	24	
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### CABLE TIES

Boshart's cable ties are very versatile and can be used in a variety of applications. They are NEMA Type 2, 21.

- ANSI/UL 94 Mtl Flame Rating V-2
- ANSI/UL Standard 62275 Certified



Part No.	Length	Color	Quantity	
			L1	L2



**Standard Nylon 6/6, Temperature Range: -40°F to 185°F (-40°C to 85°C),**

- Carbon is added to make these UV resistant
- Suitable for indoor and outdoor use

CTW018-04	4.00"	Black	100	
CTW030-05.6	5.60"	Black	100	
CTW040-08.5	8.50"	Black	100	
CTW040-11.5	11.50"	Black	100	
CTW040-14.5	14.50"	Black	100	5000

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### CABLE TIES

Part No.	Length	Color	Quantity	
			L1	L2

#### Standard Nylon 6/6, Temperature Range: -40°F to 185°F (-40°C to 85°C),

- Not UV resistant
- Suitable for mainly indoor use

CT018-04	4.00"	Clear	100	
CT030-05.6	5.60"	Clear	100	
CT040-08.5	8.50"	Clear	100	
CT040-11.5	11.50"	Clear	100	
CT040-14.5	14.50"	Clear	100	5000

#### Heavy Duty Nylon 6/6, Temperature Range: -40°F to 185°F (-40°C to 85°C),

- Carbon is added to make these UV resistant
- Suitable for indoor and outdoor use

CTW120-14.2	14.20"	Black	100	2000
CTW120-24.2	24.20"	Black	50	500
CTW175-36	36.00"	Black	50	500
CTW175-41	41.00"	Black	50	500

### SUBMERSIBLE TORQUE ARRESTORS

Boshart's submersible torque arrestors protect submersible pumps from starting torque damage. They are field adjustable to hold the pump centered in the well and fit snug in all well casings from 4" to 8" I.D. To install securely fasten to 1", 1-1/4" or 2" drop pipe with stainless steel clamps that are provided. There are infinite adjustments enabling the installer to obtain a proper fit.

- NSF/ANSI 372 Certified



Part No.	Drop Pipe Size	Color	Well Casing Size	Quantity	
				L1	L2

#### Standard Thermoplastic Rubber (TPR)

TA-48-BLK	1" & 1-1/4"	Black	4" to 8"	10	560
TA-48-GREEN	1" & 1-1/4"	Green	4" to 8"	10	560

#### Standard PVC

TA-48-PVC	1" & 1-1/4"	Black	4" to 8"	10	560
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#### Deluxe Thermo Plastic Elastomer (TPE)

TA-48D-BLK	1" & 1-1/4"	Black	4" to 8"	10	560
TA-48D-GREEN	1" & 1-1/4"	Green	4" to 8"	10	560

#### Three Piece Thermo Plastic Elastomer (TPE)

TA20-68D-BLK	2"	Black	6" to 8"	6	
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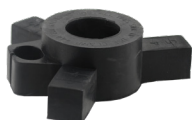
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### SPIDER TORQUE ARRESTORS

Boshart's spider torque arrestors are easily secured to drop pipes with clamps (not included). They feature a unique wire guard feature and the casing size is clearly marked for ease of cutting to size. The suggested clamp for all sizes is 2-SSC8740.

Primary Material: SBR



Part No.	Drop Pipe Size	Color	Well Casing Size	Quantity	
				L1	L2
TAS46-10	1"	Black	4" to 6"	60	
TAS46-12	1-1/4"	Black	4" to 6"	60	
TAS46-15	1-1/2"	Black	4" to 6"	60	
TAS46-20	2"	Black	4" to 6"	60	

### CABLE GUARDS

Boshart's cable guards will keep the power cable from abrading against the well casing. One should be placed at the pump and one every 15' there after. Each cable guard is 6" in size and has tabs that can be cut to fit 5" or 4" well casing.

Primary Material: Polyethylene



Part No.	Design	Drop Pipe Size	Color	Quantity	
				L1	L2
WG-100	Self Clamping	1"	Clear	48	
WG-6	Snap In	1" & 1-1/4"	Clear	100	
WG-125	Self Clamping	1-1/4"	Clear	48	

### DROP PIPE COUPLINGS

Boshart's drop pipe couplings are use to connect drop pipes together in well applications.



Part No.	Size	Length	Quantity	
			L1	L2
<b>304 Stainless Steel,</b> • NSF/ANSI Standard 372 Certified				
These couplings have an inside chamfer on both ends for trouble free starting of threads. They have a separate taper to ensure a proper watertight seal and flats on the sides for ease of use with a wrench.				
Note: All tensile testing results consistently conclude in joint failure due to the elongation of the male threads on the drop/riser pipe. It is therefor recommended that the installer acquire the male pipe thread load capacity data of the drop/riser pipe from the pipe manufacturer. The loads must not exceed either the coupling or drop/riser pipe load capacity. The maximum load bearing weight of the pipe will vary significantly depending on the pipe material. This data is only a guide. The final responsibility for the design of the well lies with the well designer/installer.				
28-SSDPC-10	1"	2-1/2"	10	50
28-SSDPC-12	1-1/4"	2-1/2"	10	50
28-SSDPC-15	1-1/2"	2-1/2"	10	50
28-SSDPC-20	2"	2-1/2"	5	25
<b>PVC,</b>				
These couplings have a wall thickness that is 30% heavier than Schedule 120 to ensure increased strength and reliability. To be used in well depths no greater than 400'.				
28-PDPC-10	1"	2-3/4"	10	100
28-PDPC-12	1-1/4"	2-3/4"	10	100
28-PDPC-15	1-1/2"	2-3/4"	10	100
28-PDPC-20	2"	3"	10	100



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## ROPE

Boshart's rope is available in different lengths and colors.



Part No.	Color	Length	Diameter	Reel Material	Tensile Strength Lbs	Quantity	
						L1	L2



### Braided Nylon,

This rope has high elasticity and working strength. It can be stored wet without damage and works well in pulleys, winches, general tie downs, tarps securing and marine use. Solid braid stays round, has a uniform diameter and will not rotate.

SRNB-1/4	White	1,000'	1/4"	Plastic	1,200		
SRNB-3/8	White	1,000'	3/8"	Plywood	2,700		



### Braided Polypropylene,

This rope is made of 100% monofilament fibers in a hollow braid. It floats on water, retains its strength when wet and may be stored wet without damage. There is a high resistance to abrasion, mildew, oil, grease, gasoline, marine growth and other chemicals. It is best for tie-downs, utility hand lines, pulling lines, ladder lines, and marine uses.

SRPB-1/4-500	Blue & White	500'	1/4"	Plastic	975		
SRPB-1/4	Blue & White	1,000'	1/4"	Plastic	975		
SRPB-1/4-3000	Blue & White	3,000'	1/4"	Plywood	975		



### Twisted Polypropylene,

This rope is waterproof, floats and easy to handle. It resists most chemicals, oil, gasoline and is resistant to color fading, abrasion and rot.

SRPT-04-1200BLK	Black	1,200'	1/4"	Plastic	1,120		
SRPT-04-600B	Blue & White	600'	1/4"	Plywood	1,120		
SRPT-06-300B	Blue & White	300'	3/8"	Plywood	1,450		
SRPT-06-600B	Blue & White	600'	3/8"	Plywood	1,450		
SRPT-08-300B	Blue & White	300'	1/2"	Plywood	3,780		
SRPT-08-600B	Blue & White	600'	1/2"	Plywood	3,780		
SRPT-12-300B	Blue & White	300'	3/4"	Plywood	7,650		
SRPT-1/4	Yellow	1,300'	1/4"	Plastic	1,130		
SRPT-3/8	Yellow	630'	3/8"	Plastic	2,440		
SRPT-5/16	Yellow	975'	5/16"	Plastic	1,710		
SRPT-1/2	Yellow	335'	1/2"	Plastic	3,780		

## ROPE HANGER

Boshart's rope hangers provide an easy method of attaching the safety rope securely to the well casing. The installation of the well cap onto the well casing is unobstructed. They are installed at the top of the well casing and can be easily removed when the pump is serviced or replaced.

Accepts rope sizes: 1/4" to 3/8"



Part No.	Well Casing I.D.	Quantity	
		L1	L2




STRH-6	6" or 6-1/4"	5	40
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## MECHANICAL SHAFT SEALS

Boshart's mechanical shaft seals are designed to provide a water tight seal between the pump housing and the motor shaft which drives the impeller.

	Part No.	Seat Thickness	Shaft Size	Quantity	
				L1	L2
	SS-1000	0.344	0.625	54	270
	SS-2000	0.406	0.625	54	270
	SS-2010	0.406	0.750	54	270


## CIRCULATOR COUPLING

Boshart's circulator couplings are easy to install and quiet when running. They have a long life and superior alignment capabilities. They are easier on the pump and motor, less rigidity puts less load on the bearings and seals.  
H.P. rating 1/12 to 1/3

	Part No.	Size	Quantity	
			L1	L2
	24-15	1/2"	25	200

## NUT DRIVER

Boshart's nut driver has a flexible shaft and reversible socket.

	Part No.	Size	Quantity	
			L1	L2
	28-FND	1/4" or 5/16"	100	

### PIPE CUTTERS

Boshart's pipe cutters cut through POLY, PVC, PEX, ABS and CPVC pipe and conduit. They feature a latch for carrying in the closed position. All pipe cutters have a removable and replaceable stainless steel blade.



Part No.	Cuts Pipe Size	Material	Replacement Blade	Quantity	
				L1	L2
28-PC-0110	Up to 1"	Metal,	28-PCRB-0110	12	72
28-PC-0112	Up to 1-1/4"	Metal,	28-PCRBA-0112	6	24
28-PC-0120	Up to 2"	Metal,	28-PCRBA-0120	6	24

### CONTRACTOR BIN

Boshart's contractor bins are a great plastic storage tote with removable bins. They feature a clear lid with latches to secure contents.



Part No.		Quantity	
		L1	L2
28-CBD-09	The bins in this contractor bin are deep, included are: • 3 bins are 6" x 4" x 3-1/2" • 6 bins are 4" x 3" x 3-1/2"	1	10
28-CBD-12	The bins in this contractor bin are deep, included are: • 12 bins are 4" x 3" x 3-1/2"		10
28-CBS-30	The bins in this contractor bin are shallow, included are: • 18 bins are 3" x 2" x 1-3/4" • 12 bins are 2" x 1-1/2" x 1-3/4"		16

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