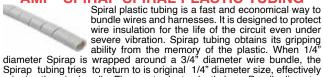
AMP® SPIRAP SPIRAL PLASTIC TUBING



gripping the wire bundle. Flame retardant polyethylene. Bundle diameter range: 3/16" to 2". Discount: 20% less on orders of 100 feet.

Black......P/N 11-08320---/ft.

SPIRAL WRAP WIRE PROTECTORS



Permits flexible routing of cable harness while forming a neat, protective bundle. It twists on easily and quickly and allows lead-outs at any point. When installed, it may be gapped for greater economy and flexibility or it may be butted tightly for maximum abrasion resistance, insulation protection

and greater rigidity. Nylon type-for use in wider temperature ranges with high resistance to abrasion and good solvent resistance.

Part No.	Size	Material	Color	Temp Rate	Price/ft
11-12316	3/16"	PE-FR	Natural	-4°F to +176°F	
11-12314	1/4"	PE-FR	Natural	-4°F to +176°F	
11-12338	3/8"	PE-FR	Natural	-4°F to +176°F	
11-17147	1/2"	PE-FR	Natural	-4°F to +176°F	
11-12334	3/4"	PE-FR	Natural	-4°F to +176°F	
11-17146	1"	PE-FR	Natural	-4°F to +176°F	
11-16881	1/8"	PTFE	Natural	-449°F to +500°F	
11-16880	1/4"	PTFE	Natural	-449°F to +500°F	
11-16883	3/8"	PTFE	Natural	-449°F to +500°F	
11-16882	1/2"	PTFE	Natural	-449°F to +500°F	
11-17144	3/4"	PTFE	Natural	-449°F to +500°F	
11-17145	1"	PTFE	Natural	-449°F to +500°F	
11-17150	1/8"	PA6	Natural	-40°F to +250°F	
11-17149	1/4"	PA6	Natural	-40°F to +250°F	
11-17151	3/8"	PA6	Natural	-40°F to +250°F	
11-12312	1/2"	PA6	Natural	-40°F to +250°F	
11-17148	3/4"	PA6	Natural	-40°F to +250°F	
11-12311	1"	PA6	Natural	-40°F to +250°F	
11-17153	1/8"	PA6	Black	-40°F to +250°F	
11-17155	1/4"	PA6	Black	-40°F to +250°F	
11-17156	3/8"	PA6	Black	-40°F to +250°F	
11-17154	1/2"	PA6	Black	-40°F to +250°F	
11-17158	3/4"	PA6	Black	-40°F to +250°F	
11-17157	1"	PA6	Black	-40°F to +250°F	
11-17159	1/8"	PE-FR	Black	-4°F to +176°F	
11-17160	3/8"	PE-FR	Black	-4°F to +176°F	
11-17161	1/2"	PE-FR	Black	-4°F to +176°F	
11-17162	3/4"	PE-FR	Black	-4°F to +176°F	
11-17163	1"	PE-FR	Black	-4°F to +176°F	

GRIP TIES

GRIPLOCKTIES® RUBBER-LINED, RELEASABLE TIES

GripLockTies® rubber-lined, releasable ties offer superior grip, vibration dampening, and non-slip performance. Unlike traditional zip ties, they won't damage wires or surfaces and can be adjusted or reused multiple times. Ideal for automotive, aerospace, and industrial applications, GripLockTies provide a stronger, smarter, and more secure hold.

Color	Length	Part No.	Price
Orange	5 inch	11-20729	
Orange	8 Inch	11-20732	
Orange	12 Inch	11-20734	
Blue	5 inch	11-20731	
Blue	8 Inch	11-20733	
Blue	12 Inch	11-20736	



This all nylon cable tie is designed to hold cables securely. Bundling strength military requirements. Installs in just seconds.

Cat. #	L"	Tensile Strength	Max Dia.	Part No.	Price
MS3367-4-9	4"	18 lbs	0.63"	11-04230	
MS3367-5-9	5"	30 lbs	1.13"	11-04039	
MS3367-1-9	7"	50 lbs	1.75"	11-04229	
	8"	18 lbs	2"	11-12866	
MS3367-7-9	11"	50 lbs	3"	11-12865	
MS3367-2-9	14"	50 lbs	4"	11-04058	
MS3367-3-9	14"	120 lbs	4"	11-13475	

35% discount on 500 per part no. 40% Discount on 1000 per part no.

CABLE TIE ASSORTMENT PA

Includes: MS3367-5-9 Cable Ties 5"(15), Cable Ties MS3367-4-9(15), Cable Ties MS3367-1-9(20), Cable Ties MS3367-29(5).... P/N 11-03768---

TYTON HORIZONTAL **IDENTIFICATION CABLE TIES**

Length: 8"; Strength: 50 lbs.... P/N 11-12360 ---



TO .

TYTON VERTICAL **IDENTIFICATION CABLE TIES**

Length: 4"; Strength: 18 lbs .. P/N 11-12365

TYTON MOUNTING CABLE TIES

TY-RAP™ CABLE TIES WITH SS LOCK Stainless steel locking device in the head secures tie with longer-

lasting, corrosion-resistant "grip of steel". Oval, low profile head prevents snagging while pulling through bulkheads. No sharp edges to be the source of installation injuries or to damage the wire insulation. 1000 per pack.

Mfg. No.	Length	Max Dia.	Tensile Strength	Part No.	Price 100 Pack	Price 1000 Pack
TY23M	4"	0.63"	18 lb	04-02628		
TY24M	5.5"	1.13"	30 lb	04-02630		
TY25M	7"	0.63"	50 lb	04-02631		
TY26M	11"	1.13"	40 lb	04-02633		
TY28M	14"	3"	50 lb	04-02632		

READY-ZIP-PACK™ CABLE TIE **ORGANIZER WITH BELT**

Ready-Zip-Pack is a portable solution for carrying zip ties in a handy ready to use fashion. Whether climbing a ladder, walking a line or in a tight space. No more fumbling in your apron pockets or worse holding them in your mouth, our assorted length zip ties will be

conveniently ready right on your hip. Along with the customized holster for the Ty-D-Up flush cutter and the all-weather 50-inch long canvas belt makes all your jobs go faster, cleaner and easier. Grommetted corner holes will also allow the user to secure or carry the RZP as an over the shoulder carrier or can be positively affixed to a surface of your choosing. In The Box: • 1 - Wearable zip tie organizer pack with belt • 1 - 50 Black each

READY-ZIP-GO™ CABLE TIE ORGANIZER WITH MAGNETIC BASE



Ready-Zip- Go Zip Tie Holder for all your projects and hobbies No more fumbling or sorting through bags, drawers or tubes for the right zip tie. The convenient system makes your workplace orderly and uncluttered. The magnetic tie holder is equipped with 250 or 500 black zip ties and a flus h cutter.

In The Box: Depending on quantity size:
• For 500 Pack - 100 Black Zip Ties each of 4", 6" 8", 11" 14" (P/N 11-17394) • For 250 Pack - 50- Black Zip Ties each of

4", 6", 8", 11" 14" (P/N 11-17395) • 1-Flush Cutter 250 Pack......P/N 11-17395---



NYLON BULKHEAD SEALS

Nylon Bulkhead seals are used when electrical harnesses or tubing is passed through bulkheads in pressurized and non- pressurized aircraft.

Bulkhead Seal, Square, 1-1/8" Hole	P/N 11-04059
Bulkhead Seal, Elliptical, 3/4" Hole	P/N 11-04061
Bulkhead Seal, Elliptical, 1/2" Hole	P/N 11-04060
Bulkhead Seal, Square, 1-3/8" Hole	P/N 11-04062