

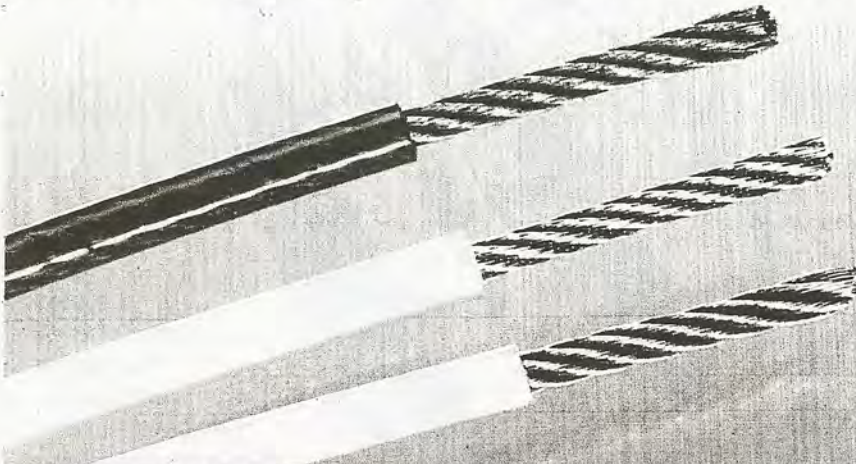
# NYLON COATED CABLE

**7** he coating of cables with nylon or other plastic offers a number of advantages. It lengthens the life of a cable by protecting the wires from abrasion; it seals in cable lubricant and seals out grit, dirt and moisture. It protects pulleys and drums from abrasion. It also protects hands, clothing, fabrics or other soft materials which may come in contact with or be used in conjunction with cable.

Nylon is the strongest and toughest coating material. It is available in several grades, depending on whether flexibility,

toughness, hardness, or outdoor exposure, high or low temperature or chemical resistance is the primary consideration. Vinyl coatings offer additional advantages. Generally, compared with nylon, they are more flexible, have better resistance to sunlight and are less expensive. Mechanically, however, their uses are somewhat more limited.

*The cables below can be supplied with coatings to other diameters and also in various colors. Cables of other constructions and sizes can also be manufactured with nylon or vinyl coating.*



P R E F O R M E D				
Galvanized NYLON COATED				
7 x 7				
Bare Cable	Nylon Outer Diameter	Breaking Strength Pounds	Weight Pounds M Feet	
3/64	1/16	270	4.9	
1/16	3/32	480	9.3	
1/16	1/8	480	11.8	
3/32	1/8	920	18.5	
3/32	5/32	920	21.8	
3/32	3/16	920	25.8	
7 x 19				
3/32	1/8	920	18.5	
1/8	3/16	2000	36.2	
3/16	1/4	4200	75.1	
3/16	5/16	4200	100.0	
1/4	5/16	7000	123.0	
1/4	3/8	7000	141.0	
5/16	13/32	9800	198.0	
3/8	15/32	14400	272.0	
To Military Specification Mil-W-83420 Type II, Composition A				

P R E F O R M E D				
Stainless Steel NYLON COATED 302				
7 x 7				
Bare Cable	Nylon Outer Diameter	Breaking Strength Pounds	Weight Pounds M Feet	
3/64	1/16	270	4.9	
1/16	3/32	480	9.3	
1/16	1/8	480	11.8	
3/32	1/8	920	18.5	
3/32	5/32	920	24.0	
3/32	3/16	920	25.8	
7 x 19				
1/16	3/32	480	9.3	
3/32	1/8	920	20.0	
3/32	5/32	920	23.0	
1/8	3/16	1760	36.2	
5/32	7/32	2400	61.0	
3/16	1/4	3700	75.1	
1/4	5/16	6400	128.0	
1/4	3/8	6400	141.0	
To Military Specification Mil-W-83420 Type II, Composition B				

P R E F O R M E D				
Stainless Steel WHITE VINYL COATED 302				
1 x 19				
Bare Cable	Vinyl Outer Diameter	Breaking Strength Pounds	Weight Pounds M Feet	
3/32	3/16	1200	30.0	
1/8	7/32	2100	47.0	
1/8	1/4	2100	51.0	
3/16	5/16	4700	103.0	
1/4	7/16	8200	189.0	
7 x 7				
1/16	1/8	480	13.5	
3/32	1/8	920	20.0	
3/32	5/32	920	24.0	
3/32	3/16	920	28.0	
1/8	5/32	1700	33.0	
1/8	7/32	1700	41.0	
1/8	1/4	1700	45.0	
5/32	7/32	2400	59.0	
3/16	1/4	3700	80.0	
3/16	5/16	3700	92.0	
1/4	3/8	6100	145.0	
1/4	7/16	6100	154.0	
7 x 19				
1/8	3/16	1700	43.0	
5/32	7/32	2400	61.0	
3/16	1/4	3700	83.0	