

100-022 PTFE-Glass Tubular Braided Sleeving



Product Series

100 - 022 - 012

Dash No.

Table I	
Part No.	Nominal I.D.
100-022-004	.125 (3.2)
100-022-005	.156 (4.0)
100-022-006	.188 (4.7)
100-022-008	.250 (6.4)
100-022-012	.375 (9.5)
100-022-016	.500 (12.7)
100-022-020	.625 (15.9)
100-022-024	.750 (19.1)
100-022-032	1.000 (25.4)
100-022-040	1.250 (31.8)
100-022-048	1.500 (38.1)

102-001 and -002 Polyethylene Expandable Fabric Tubular Braided Sleeving

Product Series
(Table I)

102 - 001 - 008

Dash No.
(Table II)

Tracer Color Options

G = Green

R = Red

W = White

Y = Yellow

(Omit for None)

Product
Series
(Table I)

102 - 002 - 008 R

Dash No.
(Table II)

Table I					
Product Series	Color	Material	Material Dia.	Wall Thickness Nominal	Temperature Range
102-001	White	Polyethylene Terephthalate	.010 (0.25)	.025 (0.6)	-65°F [-54°C] to +250°F [+121°C]
102-002	Black				

Table II				
Dash No.	Ø Nom.	Ø A (before expansion) Min	Ø B (after expansion) Max	Spec Max Weight in Lbs. Per 100 feet [Kg/30.5 M]
-004	.125 (3.2)	.090 (2.3)	.250 (6.4)	.17 (0.08)
-008	.250 (6.4)	.125 (3.2)	.375 (9.5)	.26 (0.12)
-016	.500 (12.7)	.375 (9.5)	.750 (19.1)	.78 (0.35)
-020	.625 (15.9)	.375 (9.5)	1.000 (25.4)	.99 (0.45)
-024	.750 (19.1)	.500 (12.7)	1.250 (31.8)	1.20 (0.54)
-040	1.250 (31.8)	.750 (19.1)	1.500 (38.1)	1.60 (0.73)

Consult factory for sizes not shown

Specify length on purchase order. No minimums!
Metric dimensions (mm) are in parentheses.

Non-Metallic Braid How-to-Order



102-020, -021, -022 and -023 Halar Expandable Fabric Tubular Braided Sleeving



Table I				
Product Series	Color	Material Dia.	Wall Thickness Nominal	Temperature Range
102-020	White with Black Tracer	.011 (0.28)	.030 (0.8)	-100°F [-73°C] to +302°F [+150°C]
102-021	Black			
102-022	Black with White Tracer			
102-023	White			

Product Series
(Table I)

102 - 021 - 008

Dash No.
(Table II)

Table II				
Dash No.	Ø Nom.	Ø A (before expansion) Min	Ø B (after expansion) Max	Spec Max Weight in Lbs. Per 100 feet [Kg/30.5]
-004	.125 (3.2)	.090 (0.25)	.250 (6.4)	.29 (0.13)
-008	.250 (6.4)	.125 (0.25)	.375 (9.5)	.39 (0.18)
-016	.500 (12.7)	.250 (6.4)	.750 (19.1)	1.17 (0.53)
-020	.625 (15.9)	.375 (9.5)	1.000 (25.4)	1.50 (0.68)
-024	.750 (19.1)	.500 (12.7)	1.250 (31.8)	1.81 (0.82)
-040	1.250 (31.8)	.750 (19.1)	1.500 (38.1)	2.56 (1.16)
Consult factory for sizes not shown				

Add mod code -645 to the end of any
102-001, 102-002, 102-020, 102-021, 102-022, 102-003 part number for split braid

102-073 Dacron Tubular Braid (Black)



Product Series
(Table I)

102 - 073 - 008

Dash No.
(Table I)

Table I			
Part No.	Nominal I.D.	Wire Bundle Accomodation Range Ref.	
		Min.	Max.
102-073-004	.125 (3.2)	.090 (2.3)	.250 (6.4)
102-073-008	.250 (6.4)	.125 (3.2)	.375 (9.5)
102-073-012	.375 (9.5)	.312 (7.9)	.500 (12.7)
102-073-016	.500 (12.7)	.250 (6.4)	.750 (19.1)
102-073-024	.750 (19.1)	.500 (12.7)	1.250 (31.8)
102-073-040	1.250 (31.8)	.750 (19.1)	1.500 (38.1)

Minimum order length is 100 ft. (30.5 M). Metric dimensions (mm) are in parentheses.

Non-Metallic Braid How-to-Order

103-013 Nomex Tubular Braid



Product Series
(Table I)

103 - 013

Color:

W = White

R = Red

GN = Green

GY = Grey

TN = Desert Tan
(Omit for Black)

008

W

Dash No.
(Table I)

Table I

Part No.	Nominal I.D.	Wire Bundle Accommodation Range Ref.	
		Min.	Max.
103-013-004	.125 (3.2)	.090 (2.3)	.160 (4.1)
103-013-008	.250 (6.4)	.125 (3.2)	.312 (7.9)
103-013-012	.375 (9.5)	.250 (6.4)	.450 (11.4)
103-013-016	.500 (12.7)	.312 (7.9)	.625 (15.9)
103-013-024	.750 (19.1)	.500 (12.7)	.900 (22.9)
103-013-040	1.250 (31.8)	.750 (19.1)	1.390 (35.3)

102-051 PEEK Tubular Braid (Black)



Product Series
(Table I)

102 - 051

008

Dash No.
(Table I)

Table I

Part No.	Nominal I.D.	Wire Bundle Accommodation Range Ref.	
		Min.	Max.
102-051-004	.125 (3.2)	.125 (3.2)	.187 (4.7)
102-051-008	.250 (6.4)	.250 (6.4)	.360 (9.1)
102-051-012	.375 (9.5)	.312 (7.9)	.430 (10.9)
102-051-016	.500 (12.7)	.375 (9.5)	.600 (15.2)
102-051-024	.750 (19.1)	.500 (12.7)	.810 (20.6)
102-051-040	1.250 (31.8)	.750 (19.1)	1.312 (33.3)
102-051-064	2.000 (50.8)	.937 (23.8)	2.187 (55.5)
102-051-080	2.500 (63.5)	1.125 (28.6)	2.687 (68.2)

Minimum order length is 100 ft. (30.5 M). Metric dimensions (mm) are in parentheses.

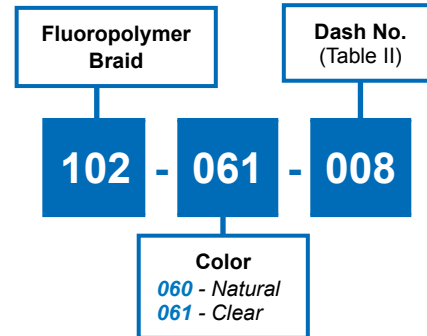
Non-Metallic Braid How-to-Order



102-060 and -061 Fluoropolymer Tubular Braid



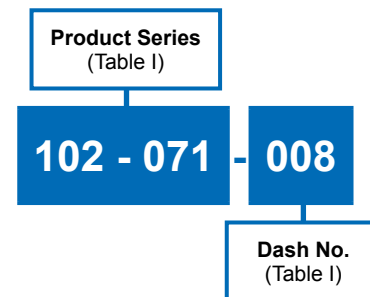
Table II			
Dash No.	Nominal I.D.	Wire Bundle Accommodation Range Ref.	
		Min.	Max.
004	.125 (3.2)	.090 (2.3)	.250 (6.4)
008	.250 (6.4)	.125 (3.2)	.375 (9.5)
012 (-061 only)	.375 (9.5)	.312 (7.9)	.430 (10.9)
016	.500 (12.7)	.250 (6.4)	.750 (19.1)
024	.750 (19.1)	.500 (12.7)	1.250 (31.8)
040	1.250 (31.8)	.750 (19.1)	1.500 (38.1)



102-071 Kevlar Tubular Braid (Natural)



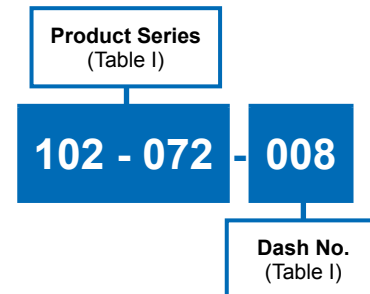
Table I			
Part No.	Nominal I.D.	Wire Bundle Accommodation Range Ref.	
		Min.	Max.
102-071-004	.125 (3.2)	.090 (2.3)	.250 (6.4)
102-071-008	.250 (6.4)	.125 (3.2)	.375 (9.5)
102-071-012	.375 (9.5)	.312 (7.9)	.500 (12.7)
102-071-016	.500 (12.7)	.250 (6.4)	.750 (19.1)
102-071-024	.750 (19.1)	.500 (12.7)	1.250 (31.8)
102-071-040	1.250 (31.8)	.750 (19.1)	1.500 (38.1)



102-072 Nylon Tubular Braid (Black)



Table I			
Part No.	Nominal I.D.	Wire Bundle Accommodation Range Ref.	
		Min.	Max.
102-072-004	.125 (3.2)	.090 (2.3)	.250 (6.4)
102-072-008	.250 (6.4)	.125 (3.2)	.375 (9.5)
102-072-012	.375 (9.5)	.312 (7.9)	.500 (12.7)
102-072-016	.500 (12.7)	.250 (6.4)	.750 (19.1)
102-072-024	.750 (19.1)	.500 (12.7)	1.250 (31.8)
102-072-040	1.250 (31.8)	.750 (19.1)	1.500 (38.1)



Minimum order length is 100 ft. (30.5 M). Metric dimensions (mm) are in parentheses.

Mouser Electronics

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