

SEALCON

Leading Provider of Cable Management Solutions

NYLON • METAL • SUPERFLEX

CONDUIT PROTECTION SYSTEMS



WWW.SEALCONUSA.COM



RELIABLE PROTECTION FOR CABLES



In industry, cables and wires are exposed to exceptional loads. Heat and cold, tensile and compressive loads, and wear-and-tear cause damage to cables and can result in malfunctions and loss of production. Our conduits provide reliable protection with options available in Nylon and Metal. In addition, a wide range of fittings makes it easy to find the right answer for every requirement.

Nylon - flexible Nylon cable conduit, standard and split options with removable fittings

Nylon-Conduit	Pg 3
Nylon-Conduit Slit	Pg 3
Nylon-Fitting	Pg 4
Nylon-Fitting 90	Pg 4
Nylon-Fitting DUO-PA	Pg 5
Nylon-Fitting DUO-Ms	Pg 6
Nylon-Fitting N	Pg 7
Nylon-Fitting W	Pg 7
Nylon-Fitting Y	Pg 8
Nylon-Fitting T	Pg 8
Bulkhead Fitting Without Thread	Pg 8
Bulkhead Fitting With Thread	Pg 9
Nylon-Fitting Clip	Pg 9

Metal - cable conduit made of galvanized steel with a PVC shell and braided option.
All fittings are removable

Metal-Conduit A	Pg 10
Metal-Conduit B	Pg 10
Metal-Fitting	Pg 11
Metal-Fitting S	Pg 11
Metal-Conduit Pro A	Pg 12
Metal-Conduit Pro B	Pg 12
Metal-Conduit Pro C	Pg 12
Metal-Fitting Pro	Pg 13
Metal-Fitting Pro S	Pg 13
Metal-Fitting Clip	Pg 16

Super Flex - higher flexibility, an ideal solution for drag chain and robotics applications

Super Flex	Pg 14
Straight Fitting	Pg 14
Elbow Fitting	Pg 15



Electrical Conduit provides protection to enclosed single or multi-conductors from impact, moisture, and chemical vapors. Varying quantities, sizes, and types of conductors can be pulled into a conduit, which simplifies design and construction compared to multiple runs of cables or the expense of customized composite cables. Conduit systems can be made waterproof.

NYLON CONDUIT SERIES

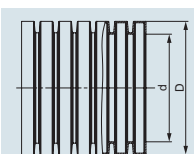
CONDUIT - Compatible Fittings On Pages 4-9

The Standard Nylon Conduit system is suitable for static and moderate dynamic installations

Nylon-Conduit

UL 94 / IP 54

RoHS



MATERIAL	NYLON - POLYAMIDE
OPERATING TEMPERATURE	-40°F - 248°F (-40°C - 120°C)
COLORS	BLACK (RAL 9005), OPTIONAL GREY (RAL 7031)

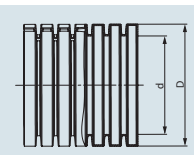
Size DN	Inside Diameter (d) in (mm)	Outside Diameter (D) in (mm)	R mm	Roll Length (ft)	Part Numbers
6	.26 (6.5)	.39 (10)	15	328	SM-0610-BK
8	.33 (8.5)	.45 (11.4)	25	164	SM-0811-BK
10	.39 (10)	.51 (13)	25	328	SM-1013-BK
12	.47 (12)	.62 (15.8)	35	164	SM-1216-BK
14	.56 (14.2)	.72 (18.4)	35	164	SM-1419-BK
17	.65 (16.5)	.83 (21.2)	40	164	SM-1721-BK
23	.91 (23)	1.12 (28.4)	45	164	SM-2328-BK
29	1.14 (29)	1.36 (34.5)	55	82	SM-2934-BK
37	1.42 (36)	1.67 (42.5)	65	82	SM-3642-BK
50	1.89 (48)	2.15 (54.5)	80	82	SM-4854-BK

Standard

Nylon-Conduit Slit

UL 94 / IP 50/55

RoHS



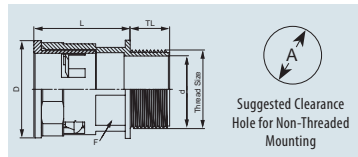
MATERIAL	NYLON - POLYAMIDE
OPERATING TEMPERATURE	-40°F - 248°F (-40°C - 120°C)
COLORS	BLACK (RAL 9005), OPTIONAL GREY (RAL 7031)

Size DN	Inside Diameter (d) in (mm)	Outside Diameter (D) in (mm)	R mm	Roll Length (ft)	Part Numbers
6	.26 (6.5)	.39 (10)	15	328	PS-0610-BK
10	.39 (10)	.51 (13)	25	328	PS-1013-BK
12	.47 (12)	.62 (15.8)	35	164	PS-1216-BK
14	.56 (14.2)	.72 (18.4)	35	164	PS-1419-BK
17	.65 (16.5)	.83 (21.2)	40	164	PS-1721-BK
23	.91 (23)	1.12 (28.4)	45	164	PS-2328-BK
29	1.14 (29)	1.36 (34.5)	55	82	PS-2935-BK
37	1.42 (36)	1.67 (42.5)	65	82	PS-3743-BK
50	1.89 (48)	2.15 (54.5)	80	82	PS-5055-BK

Slit

Nylon-Fitting Push-In Rotatable

RoHS

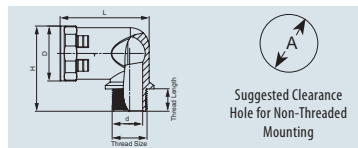


MATERIAL	NYLON - POLYAMIDE
PROTECTION CATEGORY	IP 55
OPERATING TEMPERATURE	-22°F - 176°F (-30°C - 80°C)
COLORS	BLACK (RAL 9005), OPTIONAL GREY (RAL 7031)

Thread Size	Inside Diameter (d) in (mm)	Outside Diameter (D) in (mm)	Thread Length (TL) in (mm)	Body Length (L) in (mm)	Wrench (F) in (mm)	Clearance Hole (A) +.01" (.25 mm)	Fits to Poleon DN	Part Numbers
M12 X 1.5	.27 (6.9)	.74 (18.7)	.43 (11)	1.02 (26)	.59 (15)	.47 (12)	6	PFM1206-BK
M16 X 1.5	.43 (10.8)	.85 (21.7)	.43 (11)	1.02 (26)	.71 (18)	.63 (16)	10	PFM1610-BK
M16 X 1.5	.43 (10.9)	1.02 (26)	.43 (11)	1.04 (26.5)	.79 (20)	.63 (16)	12	PFM1612-BK
M20 X 1.5	.58 (14.7)	1.10 (28)	.43 (11)	1.22 (31)	.91 (23)	.79 (20)	14	PFM2014-BK
M20 X 1.5	.60 (15.2)	1.26 (32)	.51 (13)	1.30 (33)	1.06 (27)	.79 (20)	17	PFM2017-BK
M25 X 1.5	.74 (18.7)	1.56 (39.5)	.63 (16)	1.53 (39)	1.34 (34)	.98 (25)	23	PFM2523-BK
M32 X 1.5	1.01 (25.7)	1.83 (46.5)	.63 (16)	1.69 (43)	1.57 (40)	1.26 (32)	29	PFM3229-BK
M40 X 1.5	1.29 (32.7)	2.19 (55.5)	.63 (16)	1.79 (45.5)	1.97 (50)	1.57 (40)	37	PFM4037-BK
M50 X 1.5	2.02 (51.4)	2.66 (67.5)	.63 (16)	1.87 (47.5)	2.44 (62)	1.97 (50)	50	PFM5050-BK

Nylon-Fitting 90 Push-In Rotatable With Elbow

RoHS



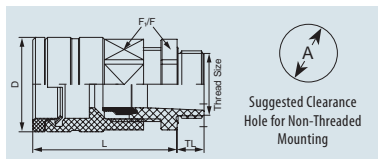
MATERIAL	NYLON - POLYAMIDE
PROTECTION CATEGORY	IP 55
OPERATING TEMPERATURE	-22°F - 176°F (-30°C - 80°C)
COLORS	BLACK (RAL 9005), OPTIONAL GREY (RAL 7031)

Thread Size	Inside Diameter (d) in (mm)	Outside Diameter (D) in (mm)	Thread Length (TL) in (mm)	Body Height (H) in (mm)	Body Length (L) in (mm)	Clearance Hole (A) +.01" (.25 mm)	Fits to Poleon DN	Part Numbers
M12 X 1.5	.32 (8.2)	.74 (18.7)	.43 (11)	1.43 (36.3)	1.41 (35.7)	.47 (12)	6	PEM1206-BK
M16 X 1.5	.43 (10.8)	.85 (21.7)	.43 (11)	1.47 (37.3)	1.52 (38.5)	.63 (16)	10	PEM1610-BK
M16 X 1.5	.43 (10.9)	1.02 (26)	.43 (11)	1.61 (41)	1.72 (43.8)	.63 (16)	12	PEM1612-BK
M20 X 1.5	.58 (14.7)	1.10 (28)	.43 (11)	1.73 (44)	1.81 (46)	.79 (20)	14	PEM2014-BK
M20 X 1.5	.60 (15.2)	1.26 (32)	.51 (13)	2.03 (51.5)	2.01 (51)	.79 (20)	17	PEM2017-BK
M25 X 1.5	.74 (18.7)	1.56 (39.5)	.63 (16)	2.41 (61.2)	2.53 (64.3)	.98 (25)	23	PEM2523-BK

Nylon-Fitting DUO-PA
Push-In With Cable Strain Relief



Includes built-in strain relief



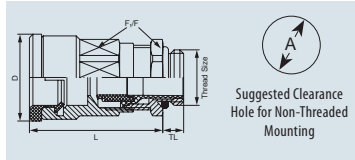
MATERIAL NYLON - POLYAMIDE
SEAL BUNA-N
PROTECTION CATEGORY IP 54 / IP 68 - 10 BAR / IP 69K
OPERATING TEMPERATURE -40°F - 212°F (-40°C - 100°C)
COLORS BLACK (RAL 9005)

Thread Size	Cable Range in (mm)	Thread Length (TL) in (mm)	Body Length (L) in (mm)	Outside Diameter (D) in (mm)	Wrench F ₁ /F in (mm)	Clearance Hole (A) +.01" (.25 mm)	Fits to Poleon DN	Part Numbers
M16 X 1.5	.20 - .39 (5 - 10)	.31 (8)	1.57 (40)	.91 (23)	.86 (22)	.63 (16)	10	DUO16MA-BK
M16 X 1.5	.12 - .28 (3 - 7)	.31 (8)	1.57 (40)	.91 (23)	.86 (22)	.63 (16)	10	DUO16MR-BK
M20 X 1.5	.24 - .47 (6 - 12)	.39 (10)	1.73 (44)	.98 (25)	.94 (24)	.79 (20)	12	DUO20MA-BK
M20 X 1.5	.20 - .35 (5 - 9)	.39 (10)	1.73 (44)	.98 (25)	.94 (24)	.79 (20)	12	DUO20MR-BK
M20 X 1.5	.39 - .55 (10 - 14)	.39 (10)	1.81 (46)	1.14 (29)	1.06 (27)	.79 (20)	14	DUO22MA-BK
M20 X 1.5	.28 - .47 (7 - 12)	.39 (10)	1.81 (46)	1.14 (29)	1.06 (27)	.79 (20)	14	DUO22MR-BK
M25 X 1.5	.51 - .71 (13 - 18)	.43 (11)	1.97 (50)	1.18 (30)	1.30 (33)	.98 (25)	17	DUO25MA-BK
M25 X 1.5	.35 - .63 (9 - 16)	.43 (11)	1.97 (50)	1.18 (30)	1.30 (33)	.98 (25)	17	DUO25MR-BK
M32 X 1.5	.71 - .87 (18 - 24)	.43 (11)	2.36 (60)	1.54 (39)	1.65 (42)	1.26 (32)	23	DUO32MA-BK
M32 X 1.5	.51 - .79 (13 - 20)	.43 (11)	2.36 (60)	1.54 (39)	1.65 (42)	1.26 (32)	23	DUO32MR-BK
M40 X 1.5	.87 - 1.10 (22 - 31)	.51 (13)	2.72 (69)	1.77 (45)	2.08 (53)	1.57 (40)	29	DUO40MA-BK
M40 X 1.5	.79 - 1.02 (20 - 26)	.51 (13)	2.72 (69)	1.77 (45)	2.08 (53)	1.57 (40)	29	DUO40MR-BK
M50 X 1.5	1.26 - 1.42 (32 - 36)	.51 (13)	2.91 (74)	2.05 (52)	2.36 (60)	1.97 (50)	37	DUO50MA-BK
M50 X 1.5	.98 - 1.22 (25 - 31)	.51 (13)	2.91 (74)	2.05 (52)	2.36 (60)	1.97 (50)	37	DUO50MR-BK
M63 X 1.5	1.46 - 1.73 (37 - 44)	.63 (14)	3.11 (79)	2.05 (52)	2.67 (68)	2.48 (63)	50	DUO63MA-BK
M63 X 1.5	1.14 - 1.38 (29 - 35)	.63 (14)	3.11 (79)	2.05 (52)	2.67 (68)	2.48 (63)	50	DUO63MR-BK
PG11	.20 - .39 (5 - 10)	.31 (8)	1.57 (40)	.91 (23)	.86 (22)	.73 (18.5)	10	DUO11AA-BK
PG11	.12 - .28 (3 - 7)	.31 (8)	1.57 (40)	.91 (23)	.86 (22)	.73 (18.5)	10	DUO11AR-BK
PG13.5	.24 - .47 (6 - 12)	.35 (9)	1.73 (44)	.98 (25)	.94 (24)	.80 (20.3)	12	DUO13AA-BK
PG13.5	.20 - .35 (5 - 9)	.35 (9)	1.73 (44)	.98 (25)	.94 (24)	.80 (20.3)	12	DUO13AR-BK
PG16	.39 - .55 (10 - 14)	.39 (10)	1.85 (47)	1.14 (29)	1.06 (27)	.89 (22.5)	14	DUO16AA-BK
PG16	.28 - .47 (7 - 12)	.39 (10)	1.85 (47)	1.14 (29)	1.06 (27)	.89 (22.5)	14	DUO16AR-BK
PG21	.51 - .63 (13 - 16)	.43 (11)	1.97 (50)	1.18 (30)	1.30 (33)	1.12 (28.4)	17	DUO21AA-BK
PG21	.35 - .63 (9 - 16)	.43 (11)	1.97 (50)	1.18 (30)	1.30 (33)	1.12 (28.4)	17	DUO21AR-BK
PG29	.71 - .87 (18 - 22)	.43 (11)	2.36 (60)	1.54 (39)	1.65 (42)	1.47 (37.3)	23	DUO29AA-BK
PG29	.51 - .79 (13 - 20)	.43 (11)	2.36 (60)	1.54 (39)	1.65 (42)	1.47 (37.3)	23	DUO29AR-BK
PG36	.87 - 1.10 (22 - 28)	.51 (13)	2.72 (69)	1.77 (45)	2.08 (53)	1.85 (47)	29	DUO36AA-BK
PG36	.79 - 1.02 (20 - 26)	.51 (13)	2.72 (69)	1.77 (45)	2.08 (53)	1.85 (47)	29	DUO36AR-BK
PG42	1.26 - 1.42 (32 - 36)	.51 (13)	2.91 (74)	2.05 (52)	2.36 (60)	2.13 (54.1)	37	DUO42AA-BK
PG42	.98 - 1.22 (25 - 31)	.51 (13)	2.91 (74)	2.05 (52)	2.36 (60)	2.13 (54.1)	37	DUO42AR-BK
PG48	1.46 - 1.73 (37 - 44)	.63 (14)	3.11 (79)	2.05 (52)	2.67 (68)	2.34 (59.4)	50	DUO48AA-BK
PG48	1.14 - 1.38 (29 - 35)	.63 (14)	3.11 (79)	2.05 (52)	2.67 (68)	2.34 (59.4)	50	DUO48AR-BK
NPT 1/2"	.39 - .55 (10 - 14)	.51 (13)	1.81 (46)	1.15 (29)	1.06 (27)	.83 (21.1)	14	DUO16NA-BK
NPT 1/2"	.28 - .47 (7 - 12)	.51 (13)	1.81 (46)	1.15 (29)	1.06 (27)	.83 (21.1)	14	DUO16NR-BK
NPT 3/4"	.51 - .71 (13 - 18)	.63 (14)	1.97 (50)	1.18 (30)	1.30 (33)	1.05 (26.7)	17	DUO21NA-BK
NPT 3/4"	.35 - .63 (9 - 16)	.63 (14)	1.97 (50)	1.18 (30)	1.30 (33)	1.05 (26.7)	17	DUO21NR-BK
NPT 1"	.71 - .87 (18 - 24)	.75 (19)	2.36 (60)	1.53 (39)	1.65 (42)	1.35 (34.3)	23	DUO29NA-BK
NPT 1"	.51 - .79 (13 - 20)	.75 (19)	2.36 (60)	1.53 (39)	1.65 (42)	1.35 (34.3)	23	DUO29NR-BK
NPT 1-1/2"	.87 - 1.10 (22 - 31)	.79 (20)	2.72 (69)	1.77(45)	2.08 (53)	1.92 (48.7)	29	DUO36NA-BK

Nylon-Fitting DUO-Ms Push-In With Strain Relief- Nickel Plated Brass



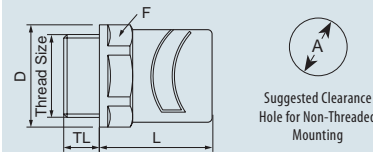
Includes built-in strain relief



MATERIAL	NICKEL PLATED BRASS
CLAMPING INSERT	NYLON - POLYAMIDE
SEAL	BUNA-N
PROTECTION CATEGORY	IP 54 / IP 68 - 10 BAR / IP 69K
OPERATING TEMPERATURE	-40°F - 212°F (-40°C - 100°C)

Thread Size	Cable Range in (mm)	Thread Length (TL) in (mm)	Body Length (L) in (mm)	Outside Diameter (D) in (mm)	Wrench F ₁ /F in (mm)	Clearance Hole (A) +.01" (.25 mm)	Fits to Poleon DN	Part Numbers
M16 X 1.5	.20 - .39 (5 - 10)	.24 (6)	1.42 (36)	.91 (23)	20/20	.63 (16)	10	DUO16MA-BR
M16 X 1.5	.12 - .28 (3 - 7)	.24 (6)	1.42 (36)	.91 (23)	20/20	.63 (16)	10	DUO16MR-BR
M20 X 1.5	.39 - .55 (10 - 14)	.24 (6)	1.56 (39.5)	.98 (25)	24/22	.79 (20)	12	DUO20MA-BR
M20 X 1.5	.28 - .47 (7 - 12)	.24 (6)	1.56 (39.5)	.98 (25)	24/22	.79 (20)	12	DUO20MR-BR
M20 X 1.5	.39 - .55 (10 - 14)	.24 (6)	1.60 (40.5)	1.14 (29)	28/24	.79 (20)	14	DUO22MA-BR
M20 X 1.5	.28 - .47 (7 - 12)	.24 (6)	1.60 (40.5)	1.14 (29)	28/24	.79 (20)	14	DUO22MR-BR
M25 X 1.5	.51 - .71 (13 - 18)	.28 (7)	1.75 (44.5)	1.18 (30)	30/30	.98 (25)	17	DUO25MA-BR
M25 X 1.5	.35 - .63 (9 - 16)	.28 (7)	1.75 (44.5)	1.18 (30)	30/30	.98 (25)	17	DUO25MR-BR
M32 X 1.5	.71 - .87 (18 - 22)	.31 (8)	1.99 (50.5)	1.54 (39)	40/40	1.26 (32)	23	DUO32MA-BR
M32 X 1.5	.51 - .79 (13 - 20)	.31 (8)	1.99 (50.5)	1.54 (39)	40/40	1.26 (32)	23	DUO32MR-BR
M40 X 1.5	.87 - 1.22 (22 - 31)	.31 (8)	2.22 (56.5)	1.77 (45)	50/50	1.57 (40)	29	DUO40MA-BR
M40 X 1.5	.79 - 1.02 (20 - 26)	.31 (8)	2.22 (56.5)	1.77 (45)	50/50	1.57 (40)	29	DUO40MR-BR
M50 X 1.5	1.26 - 1.42 (32 - 36)	.35 (9)	2.26 (57.5)	2.05 (52)	57/57	1.97 (50)	37	DUO50MA-BR
M50 X 1.5	.98 - 1.22 (25 - 31)	.35 (9)	2.26 (57.5)	2.05 (52)	57/57	1.97 (50)	37	DUO50MR-BR
M63 X 1.5	1.46 - 1.73 (37 - 44)	.39 (10)	2.38 (60.5)	2.05 (52)	68/64	2.48 (63)	50	DUO63MA-BR
M63 X 1.5	1.14 - 1.38 (29 - 35)	.39 (10)	2.38 (60.5)	2.05 (52)	68/64	2.48 (63)	50	DUO63MR-BR
PG11	.20 - .39 (5 - 10)	.24 (6)	1.42 (36)	.91 (23)	20/20	.73 (18.5)	10	DUO11AA-BR
PG11	.12 - .28 (3 - 7)	.24 (6)	1.42 (36)	.91 (23)	20/20	.73 (18.5)	10	DUO11AR-BR
PG13.5	.24 - .47 (6 - 12)	.26 (6.5)	1.56 (39.5)	.98 (25)	24/22	.80 (20.3)	12	DUO13AA-BR
PG13.5	.20 - .35 (5 - 9)	.26 (6.5)	1.56 (39.5)	.98 (25)	24/22	.80 (20.3)	12	DUO13AR-BR
PG16	.39 - .55 (10 - 14)	.26 (6.5)	1.60 (40.5)	1.14 (29)	28/24	.89 (22.5)	14	DUO16AA-BR
PG16	.28 - .47 (7 - 12)	.26 (6.5)	1.60 (40.5)	1.14 (29)	28/24	.89 (22.5)	14	DUO16AR-BR
PG21	.51 - .63 (13 - 16)	.28 (7)	1.75 (44.5)	1.18 (30)	30/30	1.12 (28.4)	17	DUO21AA-BR
PG21	.35 - .63 (9 - 16)	.28 (7)	1.75 (44.5)	1.18 (30)	30/30	1.12 (28.4)	17	DUO21AR-BR
PG29	.71 - .87 (18 - 22)	.31 (8)	1.99 (50.5)	1.54 (39)	40/40	1.47 (37.3)	23	DUO29AA-BR
PG29	.51 - .79 (13 - 20)	.31 (8)	1.99 (50.5)	1.54 (39)	40/40	1.47 (37.3)	23	DUO29AR-BR
PG36	.87 - 1.10 (22 - 28)	.31 (8)	2.22 (56.5)	1.77 (45)	50/50	1.85 (47)	29	DUO36AA-BR
PG36	.79 - 1.02 (20 - 26)	.31 (8)	2.22 (56.5)	1.77 (45)	50/50	1.85 (47)	29	DUO36AR-BR
PG42	1.26 - 1.42 (32 - 36)	.35 (9)	2.26 (57.5)	2.05 (52)	57/57	2.13 (54.1)	37	DUO42AA-BR
PG42	.98 - 1.22 (25 - 31)	.35 (9)	2.26 (57.5)	2.05 (52)	57/57	2.13 (54.1)	37	DUO42AR-BR
PG48	1.46 - 1.73 (37 - 44)	.39 (10)	2.38 (60.5)	2.05 (52)	64/64	2.34 (59.4)	50	DUO48AA-BR
PG48	1.14 - 1.38 (29 - 35)	.39 (10)	2.38 (60.5)	2.05 (52)	64/64	2.34 (59.4)	50	DUO48AR-BR
NPT 1/2"	.39 - .55 (10 - 14)	.51 (13)	1.81 (40.5)	1.14 (29)	28/24	.83 (21.1)	14	DUO16NA-BR
NPT 1/2"	.28 - .47 (7 - 12)	.51 (13)	1.81 (40.5)	1.14 (29)	28/24	.83 (21.1)	14	DUO16NR-BR
NPT 3/4"	.51 - .71 (13 - 18)	.51 (13)	1.97 (44.5)	1.18 (30)	30/30	1.05 (26.7)	17	DUO21NA-BR
NPT 3/4"	.35 - .63 (9 - 16)	.51 (13)	1.97 (44.5)	1.18 (30)	30/30	1.05 (26.7)	17	DUO21NR-BR
NPT 1"	.71 - .87 (18 - 24)	.63 (19)	2.36 (50.5)	1.54 (39)	40/23	1.35 (34.3)	23	DUO29NA-BR
NPT 1"	.51 - .79 (13 - 20)	.63 (19)	2.36 (50.5)	1.54 (39)	40/23	1.35 (34.3)	23	DUO29NR-BR

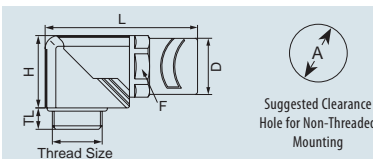
Nylon-Fitting N Push-In Style, Non-Rotatable



MATERIAL NYLON - POLYAMIDE
O-RING BUNA-N
PROTECTION CATEGORY IP 54, IP 65
OPERATING TEMPERATURE -4°F - 176°F (-20°C - 80°C)
COLORS BLACK (RAL 9005), OPTIONAL GREY (RAL 7031)

Thread Size	Outside Diameter (D) in (mm)	Thread Length (TL) in (mm)	Body Length (L) in (mm)	Wrench (F) in (mm)	Clearance Hole (A) +.01" (.25 mm)	Fits to Poleon DN	Part Numbers
M16 X 1.5	.79 (20)	.31 (8)	.91 (23)	.66 (17)	.63 (16)	10	SM16MA-BK
M20 X 1.5	1.04 (26.5)	.35 (9)	1.10 (28)	.95 (24)	.79 (20)	14	SM20MA-BK
M25 X 1.5	1.52 (38.5)	.43 (11)	1.26 (32)	1.37 (35)	.98 (25)	23	SM25MA-BK
M32 X 1.5	1.81 (46)	.43 (11)	1.38 (35)	1.65 (42)	1.26 (32)	29	SM32MA-BK
PG 9	.75 (19)	.31 (8)	.91 (23)	.66 (17)	.60 (15.2)	10	SM09AA-BK
PG 11	.91 (23)	.31 (8)	.99 (25)	.82 (21)	.73 (18.5)	12	SM11AA-BK
PG 13.5	1.04 (26.5)	.35 (9)	1.10 (28)	.95 (24)	.80 (20.3)	14	SM13AA-BK
PG 16	1.18 (30)	.39 (10)	1.15 (29)	1.06 (27)	.89 (22.5)	17	SM16AA-BK
PG 21	1.52 (38.5)	.43 (11)	1.26 (32)	1.37 (35)	1.12 (28.4)	23	SM21AA-BK
PG 29	1.81 (46)	.43 (11)	1.38 (35)	1.65 (42)	1.47 (37.3)	29	SM29AA-BK
PG 36	2.15 (54.5)	.51 (13)	1.62 (41)	1.96 (50)	1.85 (47)	37	SM36AA-BK
PG 48	2.76 (70)	.55 (14)	1.81 (46)	2.51 (64)	2.34 (59.4)	50	SM48AA-BK
NPT 3/8"	.75 (19)	.60 (15)	.91 (23)	.66 (17)	.68 (17.2)	10	SM09NA-BK
NPT 1/2"	1.18 (30)	.51 (13)	1.15 (29)	1.06 (27)	.83 (21.1)	17	SM16NA-BK
NPT 3/4"	1.52 (38.5)	.51 (13)	1.26 (32)	1.37 (35)	1.05 (26.7)	23	SM21NA-BK
NPT 1"	1.81 (46)	.60 (15)	1.38 (35)	1.65 (42)	1.35 (34.3)	29	SM29NA-BK

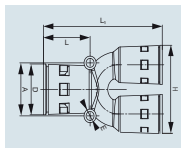
Nylon-Fitting W Push-In With Snap Close Elbow For Easy Installation



MATERIAL NYLON - POLYAMIDE
O-RING BUNA-N
PROTECTION CATEGORY IP 54, IP 65
OPERATING TEMPERATURE -4°F - 176°F (-20°C - 80°C)
COLORS BLACK (RAL 9005)

Thread Size	Outside Diameter (D) in (mm)	Thread Length (TL) in (mm)	Body Height (H) in (mm)	Body Length (L) in (mm)	Wrench Flat (F) in (mm)	Clearance Hole (A) +.01" (.25 mm)	Fits to Poleon DN	Part Numbers
M16 X 1.5	.79 (20)	.31 (8)	.91 (23)	1.70 (43)	.75 (19)	.63 (16)	10	EM16MA-BK
M20 X 1.5	1.04 (26.5)	.35 (9)	1.20 (30.5)	2.05 (52)	.95 (24)	.79 (20)	14	EM20MA-BK
M25 X 1.5	1.52 (38.5)	.43 (11)	1.57 (40)	2.76 (70)	1.30 (33)	.98 (25)	23	EM25MA-BK
M32 X 1.5	1.81 (46)	.43 (11)	2.03 (51.5)	3.27 (83)	1.65 (42)	1.26 (32)	29	EM32MA-BK
PG9	.75 (19)	.31 (8)	.91 (23)	1.70 (43)	.75 (19)	.60 (15.2)	10	EM09AA-BK
PG11	.91 (23)	.31 (8)	1.06 (27)	1.89 (48)	.87 (22)	.73 (18.5)	12	EM11AA-BK
PG13.5	1.04 (26.5)	.35 (9)	1.20 (30.5)	2.05 (52)	.95 (24)	.80 (20.3)	14	EM13AA-BK
PG16	1.18 (30)	.39 (10)	1.28 (32.5)	2.20 (56)	1.06 (27)	.89 (22.5)	17	EM16AA-BK
PG21	1.52 (38.5)	.43 (11)	1.57 (40)	2.76 (70)	1.30 (33)	1.12 (28.4)	23	EM21AA-BK
PG29	1.81 (46)	.43 (11)	2.03 (51.5)	3.27 (83)	1.65 (42)	1.47 (37.3)	29	EM29AA-BK
NPT 3/8"	.75 (19)	.60 (15)	.91 (23)	1.81 (46)	.75 (19)	.68 (17.2)	10	EM09NA-BK
NPT 1/2"	1.18 (30)	.51 (13)	1.28 (32.5)	2.20 (56)	1.06 (27)	.83 (21.1)	17	EM16NA-BK
NPT 3/4"	1.52 (38.5)	.51 (13)	1.57 (40)	2.76 (70)	1.30 (33)	1.05 (26.7)	23	EM21NA-BK
NPT 1"	1.81 (46)	.60 (15)	2.03 (51.5)	3.27 (83)	1.65 (42)	1.35 (34.3)	29	EM29NA-BK

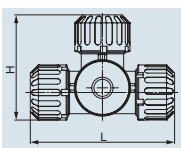
Nylon-Fitting Y



MATERIAL	NYLON - POLYAMIDE
PROTECTION CATEGORY	IP 66
OPERATING TEMPERATURE	-40°F - 248°F (-40°C - 120°C)
COLORS	BLACK (RAL 9005)

Thread Size	Hole Diameter (E) in (mm)	Outside Diameter (D) in (mm)	Outside Diameter Ring (A) in (mm)	Upper Body Length (L) in (mm)	Body Length (L1) in (mm)	Body Height (H) in (mm)	Fits to Poleon DN	Part Numbers
DN10/06/06	.20 (5)	.83 (21.2)	.83 (21.2)	1.29 (32.7)	2.72 (69.3)	1.11 (28.2)	10/06/06	PFY100606
DN12/10/10	.22 (5.5)	.87 (22.3)	.87 (22.3)	1.22 (31)	2.91 (74)	1.65 (42)	12/10/10	PFY121010
DN17/12/12	.26 (6.5)	1.10 (28)	1.10 (28)	1.26 (32)	3.35 (85)	2.01 (51)	17/12/12	PFY171212
DN23/17/17	.26 (6.5)	1.43 (36.4)	1.43 (36.4)	1.50 (38)	3.56 (90.5)	2.51 (63.8)	23/17/17	PFY231717
DN29/23/23	.26 (6.5)	1.70 (43)	1.70 (43)	1.46 (37)	4.17 (106)	3.02 (76.8)	29/23/23	PFY292323
DN37/29/29	.26 (6.5)	2.07 (52.5)	2.07 (52.5)	1.90 (48.3)	4.95 (125.7)	3.78 (95.9)	37/29/29	PFY372929
DN50/37/37	.26 (6.5)	2.62 (66.5)	2.52 (64)	2.08 (53)	5.04 (129)	4.31 (109.4)	50/37/37	PFY503737

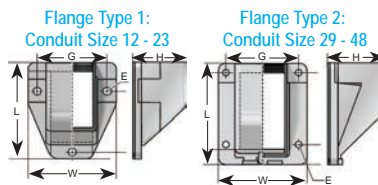
Nylon-Fitting T



MATERIAL	NYLON - POLYAMIDE
PROTECTION CATEGORY	IP 67
OPERATING TEMPERATURE	-40°F - 248°F (-40°C - 120°C)
COLORS	BLACK (RAL 9005)

Thread Size	Body Length (L) in (mm)	Body Height (H) in (mm)	Fits to Poleon DN	Part Numbers
DN10	1.97 (50)	2.70 (68.5)	10	PFT10
DN12	1.99 (50.5)	2.74 (69.5)	12	PFT12
DN17	2.29 (58)	3.15 (80)	17	PFT17
DN23	2.80 (71)	3.74 (95)	23	PFT23
DN29	3.31 (84)	4.29 (109)	29	PFT29

Bulkhead Fitting WITHOUT Thread Conduit Clamps Directly Into Bulkhead Fitting



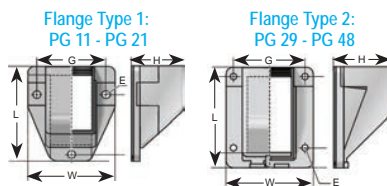
MATERIAL	NYLON - POLYAMIDE
OPERATING TEMPERATURE	-58°F - 248°F (-50°C - 120°C)
COLORS	BLACK (RAL 9005)

Conduit Size 12 - 23
Flange 1

Conduit Size 29 - 48
Flange 2

Fits Nominal Conduit Size	Flange	Length (L) in (mm)	Width (W) in (mm)	Height (H) in (mm)	Distance Between Holes (G) in (mm)	Hole Diameter (E) in (mm)	Part Numbers
12	1	1.93 (49)	1.85 (47)	1.38 (35)	1.46 (37)	.17 (4.3)	FT-11-BK
17	1	1.93 (49)	1.85 (47)	1.38 (35)	1.46 (37)	.17 (4.3)	FT-16-BK
23	1	2.72 (69)	2.56 (65)	1.73 (44)	2.03 (51.6)	.24 (6.0)	FT-21-BK
29	2	3.54 (90)	3.07 (78)	2.17 (55)	2.54 (64.5)	.26 (6.5)	FT-29-BK
36	2	3.9 (99)	3.7 (94)	2.6 (66)	3.11 (79.5)	.26 (6.5)	FT-36-BK
48	2	4.57 (116)	3.98 (101)	2.99 (76)	3.44 (87.5)	.26 (6.5)	FT-48-BK

Bulkhead Fitting WITH Thread Conduit Fittings Thread Directly Into Bulkhead Fitting



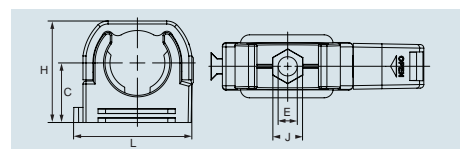
MATERIAL	NYLON - POLYAMIDE
OPERATING TEMP.	-58°F - 248°F (-50°C - 120°C)
COLORS	BLACK (RAL 9005)

PG 11 - PG 21
Flange 1

PG 29 - PG 48
Flange 2

Thread Type & Size	Flange	Length (L) in (mm)	Width (W) in (mm)	Height (H) in (mm)	Distance Between Holes (G) in (mm)	Hole Diameter (E) in (mm)	Part Numbers
PG11	1	1.93 (49)	1.85 (47)	1.38 (35)	1.46 (37)	.17 (4.3)	FL-11-BK
PG16	1	1.93 (49)	1.85 (47)	1.38 (35)	1.46 (37)	.17 (4.3)	FL-16-BK
PG21	1	2.72 (69)	2.56 (65)	1.73 (44)	2.03 (51.6)	.24 (6.0)	FL-21-BK
PG29	2	3.54 (90)	3.07 (78)	2.17 (55)	2.54 (64.5)	.26 (6.5)	FL-29-BK
PG36	2	3.9 (99)	3.7 (94)	2.6 (66)	3.11 (79.5)	.26 (6.5)	FL-36-BK
PG48	2	4.57 (116)	3.98 (101)	2.99 (76)	3.44 (87.5)	.26 (6.5)	FL-48-BK

Nylon-Fitting Clip



MATERIAL	NYLON - POLYAMIDE
OPERATING TEMPERATURE	-22°F - 176°F (-30°C - 80°C)
COLORS	BLACK (RAL 9005)

Thread (AG)	Screw Head Size (J) in (mm)	Screw Hole Size (E) in (mm)	Body Length (L) in (mm)	Body Height (H) in (mm)	Height to Center (C) in (mm)	Fits to Poleon DN	Part Numbers
DN10	.20 (5)	.28 (7)	1.13 (28.7)	.62 (15.7)	1.08 (27.5)	10	PFC10
DN12	.21 (5.3)	.33 (8.3)	1.17 (29.8)	.52 (13.1)	.94 (24)	12	PFC12
DN14	.21 (5.3)	.34 (8.5)	1.39 (35.2)	.70 (17.75)	1.15 (29.3)	14	PFC14
DN17	.21 (5.3)	.34 (8.5)	1.58 (40.2)	.78 (19.75)	1.31 (33.2)	17	PFC17
DN23	.21 (5.3)	.34 (8.7)	2.07 (52.6)	.93 (23.5)	1.59 (40.5)	23	PFC23
DN29	.25 (6.5)	.43 (11)	2.39 (60.7)	1.16 (27)	1.89 (48)	29	PFC29
DN37	.25 (6.5)	.43 (11)	2.72 (69)	1.06 (30.4)	2.24 (57)	37	PFC37
DN50	.25 (6.5)	.43 (11)	3.43 (87)	1.49 (37.9)	2.80 (71)	50	PFC50

Additional fittings that are compatible with the Nylon Conduit Series

Elbow Fitting — See page 15 for more information

TURN TO SEAL



MATERIAL	NYLON - POLYAMIDE
PROTECTION CATEGORY	IP 65
OPERATING TEMPERATURE	-40°F - 230°F (-40°C - 110°C)

Straight Fitting — See page 14 for more information

TURN TO SEAL



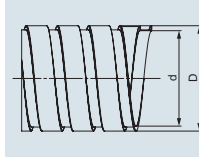
MATERIAL	NYLON - POLYAMIDE
PROTECTION CATEGORY	IP 65
OPERATING TEMPERATURE	-40°F - 230°F (-40°C - 110°C)

METAL STANDARD CONDUIT SERIES

CONDUIT - Compatible Fittings On Page 11

Metal-Conduit A

RoHS



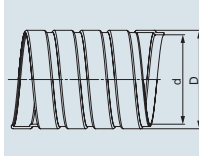
MATERIAL	GALVANIZED STEEL
PROTECTION CATEGORY	IP 40
OPERATING TEMPERATURE	-148°F - 572°F (-100°C - 300°C)

Size DN	Inside Diameter (d) in (mm)	Outside Diameter (D) in (mm)	mm	Roll Length (ft)	Part Numbers
7	.30 (7.5)	.41 (10.5)	25	164	GS-0811-SA
9	.35 (9)	.47 (12)	30	164	GS-0912-SA
11	.43 (11)	.55 (14)	30	164	GS-1114-SA
14	.55 (14)	.67 (17)	40	164	GS-1417-SA
16	.63 (16)	.75 (19)	45	164	GS-1619-SA
21	.83 (21)	.94 (24)	55	164	GS-2124-SA
26	1.02 (26)	1.18 (30)	55	82	GS-2630-SA
37	1.46 (37)	1.61 (41)	80	82	GS-3741-SA
40	1.57 (40)	1.73 (44)	80	82	GS-4044-SA
51	2.01 (51)	2.17 (55)	90	82	GS-5155-SA

Extreme Temperatures

Metal-Conduit B (PVC Coated)

RoHS



MATERIAL	GALVANIZED STEEL, PVC COATING
PROTECTION CATEGORY	IP 65
OPERATING TEMPERATURE	5°F - 158°F (-15°C - 70°C)

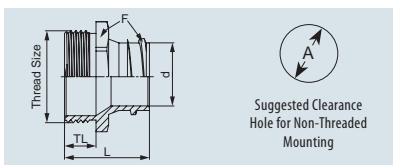
Size DN	Inside Diameter (d) in (mm)	Outside Diameter (D) in (mm)	mm	Roll Length (ft)	Part Numbers
7	.30 (7.5)	.45 (11.5)	25	164	GS-0812-SB
9	.35 (9)	.51 (13)	30	164	GS-0913-SB
11	.43 (11)	.59 (15)	30	164	GS-1115-SB
14	.55 (14)	.71 (18)	40	164	GS-1418-SB
16	.63 (16)	.79 (20)	45	164	GS-1620-SB
21	.83 (21)	.98 (25)	55	164	GS-2125-SB
26	1.02 (26)	1.22 (31)	55	82	GS-2631-SB
37	1.46 (37)	1.65 (42)	80	82	GS-3742-SB
40	1.57 (40)	1.77 (45)	80	82	GS-4045-SB
51	2.01 (51)	2.20 (56)	90	82	GS-5156-SB



Metal-Fitting

Also available in PG

RoHS



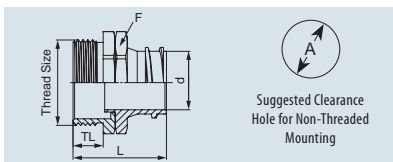
MATERIAL	NICKEL PLATED BRASS
PROTECTION CATEGORY	IP 54
OPERATING TEMPERATURE	-4°F - 176°F (-20°C - 80°C)

Thread Size	Inside Diameter (d) in (mm)	Thread Length (TL) in (mm)	Body Length (L) in (mm)	Wrench (F) in (mm)	Clearance Hole (A) +.01" (.25 mm)	Fits to Meleon DN	Part Numbers
M12 X 1.5	.24 (6)	.31 (8)	.94 (24)	.59 (15)	.47 (12)	7	MFM1207-BR
M16 X 1.5	.28 (7)	.31 (8)	.94 (24)	.79 (20)	.63 (16)	9	MFM1609-BR
M16 X 1.5	.35 (9)	.39 (10)	1.02 (26)	.79 (20)	.63 (16)	11	MFM1611-BR
M20 X 1.5	.47 (12)	.39 (10)	1.02 (26)	.87 (22)	.79 (20)	14	MFM2014-BR
M20 X 1.5	.55 (14)	.39 (10)	1.02 (26)	.87 (22)	.79 (20)	16	MFM2016-BR
M25 X 1.5	.71 (18)	.39 (10)	1.06 (27)	1.10 (28)	.98 (25)	21	MFM2521-BR
M32 X 1.5	.91 (23)	.47 (12)	1.22 (31)	1.38 (35)	1.26 (32)	26	MFM3226-BR
M40 X 1.5	1.32 (33.5)	.55 (14)	1.42 (36)	1.77 (45)	1.57 (40)	37	MFM4037-BR
M50 X 1.5	1.46 (37)	.55 (14)	1.42 (36)	2.17 (55)	1.97 (50)	40	MFM5040-BR
M63 X 1.5	1.81 (46)	.55 (14)	1.42 (36)	2.56 (65)	2.48 (63)	51	MFM6351-BR
NPT 1/4"	.24 (6)	.39 (10)	1.02 (26)	.59 (15)	.49 (12.5)	7	MFN1407-BR
NPT 3/8"	.28 (7)	.45 (11.5)	1.08 (27.5)	.79 (20)	.68 (17.2)	9	MFN3809-BR
NPT 3/8"	.35 (9)	.45 (11.5)	1.08 (27.5)	.79 (20)	.68 (17.2)	11	MFN3811-BR
NPT 1/2"	.47 (12)	.51 (13)	1.14 (29)	.87 (22)	.83 (21.1)	14	MFN1214-BR
NPT 1/2"	.55 (14)	.51 (13)	1.14 (29)	.87 (22)	.83 (21.1)	16	MFN1216-BR
NPT 3/4"	.71 (18)	.59 (15)	1.25 (32)	1.10 (28)	1.05 (26.7)	21	MFN3421-BR
NPT 1"	.91 (23)	.59 (15)	1.34 (34)	1.38 (35)	1.35 (34.3)	26	MFN1026-BR
NPT 1-1/4"	1.32 (33.5)	.63 (16)	1.50 (38)	1.77 (45)	1.7 (43.2)	37	MFN5437-BR
NPT 1-1/2"	1.46 (37)	.71 (18)	1.57 (40)	2.17 (55)	1.9 (48.3)	40	MFN6440-BR
NPT 2"	1.81 (46)	.79 (20)	1.65 (42)	2.56 (65)	2.4 (61)	51	MFN2051-BR

Metal-Fitting S

Also available in PG

RoHS



MATERIAL	NICKEL PLATED BRASS
PROTECTION CATEGORY	IP 54
OPERATING TEMPERATURE	-4°F - 176°F (-20°C - 80°C)

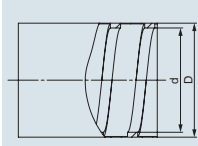
Thread Size	Inside Diameter (d) in (mm)	Thread Length (TL) in (mm)	Body Length (L) in (mm)	Wrench (F) in (mm)	Clearance Hole (A) +.01" (.25 mm)	Fits to Meleon DN	Part Numbers
M12 X 1.5	.24 (6)	.31 (8)	1.06 (27)	.59 (15)	.47 (12)	7	MFSM1207-BR
M16 X 1.5	.28 (7)	.31 (8)	1.06 (27)	.79 (20)	.63 (16)	9	MFSM1609-BR
M16 X 1.5	.35 (9)	.39 (10)	1.14 (29)	.79 (20)	.63 (16)	11	MFSM1611-BR
M20 X 1.5	.47 (12)	.39 (10)	1.14 (29)	.87 (22)	.79 (20)	14	MFSM2014-BR
M20 X 1.5	.55 (14)	.39 (10)	1.14 (29)	.87 (22)	.79 (20)	16	MFSM2016-BR
M25 X 1.5	.71 (18)	.39 (10)	1.22 (31)	1.10 (28)	.98 (25)	21	MFSM2521-BR
M32 X 1.5	.91 (23)	.47 (12)	1.38 (35)	1.38 (35)	1.26 (32)	26	MFSM3226-BR
M40 X 1.5	1.32 (33.5)	.55 (14)	1.61 (41)	1.77 (45)	1.57 (40)	37	MFSM4037-BR
M50 X 1.5	1.46 (37)	.55 (14)	1.61 (41)	2.17 (55)	1.97 (50)	40	MFSM5040-BR
M63 X 1.5	1.81 (46)	.55 (14)	1.61 (41)	2.56 (65)	2.48 (63)	51	MFSM6351-BR
NPT 1/4"	.24 (6)	.39 (10)	1.14 (29)	.59 (15)	.49 (12.5)	7	MFSN1407-BR
NPT 3/8"	.28 (7)	.45 (11.5)	1.20 (30.5)	.79 (20)	.68 (17.2)	9	MFSN3809-BR
NPT 3/8"	.35 (9)	.45 (11.5)	1.20 (30.5)	.79 (20)	.68 (17.2)	11	MFSN3811-BR
NPT 1/2"	.47 (12)	.51 (13)	1.25 (32)	.87 (22)	.83 (21.1)	14	MFSN1214-BR
NPT 1/2"	.55 (14)	.51 (13)	1.14 (32)	.87 (22)	.83 (21.1)	16	MFSN1216-BR
NPT 3/4"	.71 (18)	.59 (15)	1.42 (36)	1.10 (28)	1.05 (26.7)	21	MFSN3421-BR
NPT 1"	.91 (23)	.59 (15)	1.54 (39)	1.38 (35)	1.35 (34.3)	26	MFSN1026-BR
NPT 1-1/4"	1.32 (33.5)	.63 (16)	1.69 (43)	1.77 (45)	1.7 (43.2)	37	MFSN5437-BR
NPT 1-1/2"	1.46 (37)	.71 (18)	1.77 (45)	2.17 (55)	1.9 (48.3)	40	MFSN6440-BR
NPT 2"	1.81 (46)	.79 (20)	1.85 (47)	2.56 (65)	2.4 (61)	51	MFSN2051-BR

METAL PRO CONDUIT SERIES

CONDUITS - Compatible Fittings On Page 13

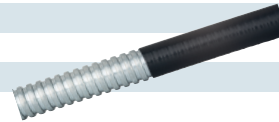
Metal-Conduit Pro A (Smooth PVC Coated)

RoHS



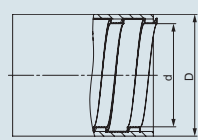
MATERIAL	GALVANIZED STEEL, SMOOTH PVC COATING
PROTECTION CATEGORY	IP 66
OPERATING TEMPERATURE	-4°F - 221°F (-20°C - 105°C)

Size DN	Inside Diameter (d) in (mm)	Outside Diameter (D) in (mm)	Bend Radius (R) mm	Roll Length (ft)	Part Numbers
10	.41 (10.3)	.63 (16)	40	98	MP-1016-SPA
12	.48 (12.3)	.71 (18)	45	98	MP-1218-SPA
16	.61 (15.5)	.83 (21)	65	98	MP-1621-SPA
21	.82 (20.9)	1.04 (26.5)	100	98	MP-2127-SPA
27	1.04 (26.5)	1.31 (33.3)	135	98	MP-2733-SPA
35	1.38 (35)	1.65 (42)	175	49	MP-3542-SPA
40	1.57 (40)	1.90 (48.2)	230	49	MP-4048-SPA
51	2.03 (51.5)	2.36 (60)	280	49	MP-5160-SPA



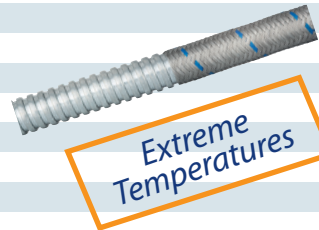
Metal-Conduit Pro B (With Braid)

RoHS



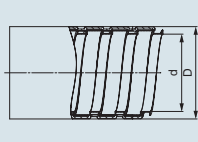
MATERIAL	GALVANIZED STEEL WITH BRAID
PROTECTION CATEGORY	IP 40
OPERATING TEMPERATURE	-148°F - 572°F (-100°C - 300°C)

Size DN	Inside Diameter (d) in (mm)	Outside Diameter (D) in (mm)	Bend Radius (R) mm	Roll Length (ft)	Part Numbers
9	.35 (9)	.55 (14)	30	164	MP-0914-SPB
11	.43 (11)	.63 (16)	35	164	MP-1116-SPB
13	.51 (13)	.69 (17.5)	40	164	MP-1318-SPB
16	.63 (16)	.83 (21)	45	164	MP-1621-SPB
21	.83 (21)	1.02 (26)	55	164	MP-2126-SPB
26	1.02 (26)	1.26 (32)	70	82	MP-2632-SPB
35	1.38 (35)	1.61 (41)	80	82	MP-3541-SPB
40	1.57 (40)	1.81 (46)	90	82	MP-4046-SPB
51	2.01 (51)	2.24 (57)	90	82	MP-5157-SPB



Metal-Conduit Pro C (PVC Coated With Braid)

RoHS



MATERIAL	GALVANIZED STEEL, PVC COATING WITH BRAID
PROTECTION CATEGORY	IP 65
OPERATING TEMPERATURE	5°F - 158°F (-15°C - 70°C)

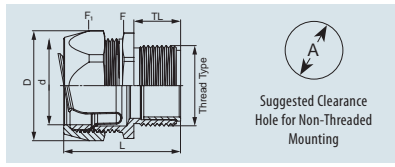
Size DN	Inside Diameter (d) in (mm)	Outside Diameter (D) in (mm)	Bend Radius (R) mm	Roll Length (ft)	Part Numbers
9	.35 (9)	.55 (14)	30	164	MP-0915-SPC
11	.43 (11)	.63 (16)	35	164	MP-1117-SPC
13	.51 (13)	.69 (17.5)	40	164	MP-1319-SPC
16	.63 (16)	.83 (21)	45	164	MP-1622-SPC
21	.83 (21)	1.02 (26)	55	164	MP-2127-SPC
26	1.02 (26)	1.26 (32)	70	82	MP-2633-SPC
35	1.38 (35)	1.61 (41)	80	82	MP-3542-SPC
40	1.57 (40)	1.81 (46)	90	82	MP-4047-SPC
51	2.01 (51)	2.24 (57)	90	82	MP-5158-SPC



Metal-Fitting Pro

Also available in PG

RoHS



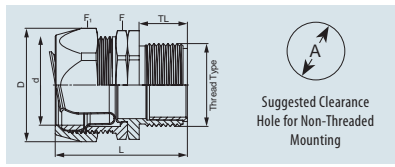
MATERIAL	NICKEL PLATED BRASS
PROTECTION CATEGORY	IP 67
OPERATING TEMPERATURE	-4°F - 176°F (-20°C - 80°C)

Thread Size	Inside Diameter (d)	Outside Diameter (D)	Thread Length (TL)	Body Length (L)	Wrench (F ₁)	Wrench (F)	Clearance Hole (A)	Fits to DN Size	Part Numbers
	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	+0.1" (.25 mm)	Meleon Pro A / B / C	
M12 X 1.5	.65 (16.5)	.96 (24.5)	.39 (10)	1.22 (31)	.79 (20)	.87 (22)	.47 (12)	- / 9 / 9	MPM1209-BR
M16 X 1.5	.75 (19)	1.15 (29.2)	.39 (10)	1.38 (35)	.94 (24)	1.02 (26)	.63 (16)	10 / 11 / 11	MPM1611-BR
M16 X 1.5	.87 (22)	1.28 (32.6)	.45 (11.5)	1.54 (39)	1.06 (27)	1.14 (29)	.63 (16)	12 / 13 / 13	MPM1612-BR
M20 X 1.5	.87 (22)	1.28 (32.6)	.51 (13)	1.52 (38.7)	1.06 (27)	1.14 (29)	.79 (20)	16 / 16 / 16	MPM2016-BR
M25 X 1.5	1.08 (27.5)	1.53 (38.8)	.59 (15)	1.61 (41)	1.30 (33)	1.38 (35)	.98 (25)	21 / 21 / 21	MPM2521-BR
M32 X 1.5	1.36 (34.5)	1.97 (50)	.59 (15)	1.93 (49)	1.70 (43)	1.77 (45)	1.26 (32)	27 / 26 / 26	MPM3226-BR
M40 X 1.5	1.71 (43.5)	2.36 (60)	.63 (16)	2.01 (51)	2.05 (52)	2.13 (54)	1.57 (40)	35 / 35 / 35	MPM4035-BR
M50 X 1.5	1.95 (49.5)	2.73 (69.3)	.71 (18)	2.40 (61)	2.36 (60)	2.48 (63)	1.97 (50)	40 / 40 / 40	MPM5040-BR
M63 X 1.5	2.44 (62)	3.35 (85)	.79 (20)	2.87 (73)	2.91 (74)	3.03 (77)	2.48 (63)	51 / 51 / 51	MPM6351-BR
1/4" NPT	.65 (16.5)	.96 (24.5)	.39 (10)	1.22 (31)	.79 (20)	.87 (22)	.49 (12.5)	10 / 11 / 11	MPN1410-BR
3/8" NPT	.75 (19)	1.15 (29.2)	.45 (11.5)	1.38 (35)	.79 (20)	.87 (22)	.68 (17.2)	12 / 13 / 13	MPN3812-BR
1/2" NPT	.87 (22)	1.28 (32.6)	.51 (13)	1.52 (38.7)	1.06 (27)	1.14 (29)	.83 (21.1)	16 / 16 / 16	MPN1216-BR
3/4" NPT	1.08 (27.5)	1.53 (38.8)	.59 (15)	1.61 (41)	1.30 (33)	1.38 (35)	1.05 (26.7)	21 / 21 / 21	MPN3421-BR
1" NPT	1.36 (34.5)	1.97 (50)	.59 (15)	1.93 (49)	1.70 (43)	1.77 (45)	1.35 (34.3)	27 / 26 / 26	MPN1026-BR
1-1/4" NPT	1.71 (43.5)	2.36 (60)	.63 (16)	2.01 (51)	2.05 (52)	2.13 (54)	1.7 (43.2)	35 / 35 / 35	MPN5435-BR
1-1/2" NPT	1.95 (49.5)	2.73 (69.3)	.71 (18)	2.40 (61)	2.36 (60)	2.48 (63)	1.9 (48.3)	40 / 40 / 40	MPN6440-BR
2" NPT	2.44 (62)	3.35 (85)	.79 (20)	2.87 (73)	2.91 (74)	3.03 (77)	2.4 (61)	51 / 51 / 51	MPN2051-BR

Metal-Fitting Pro S

Also available in PG

RoHS



MATERIAL	NICKEL PLATED BRASS
PROTECTION CATEGORY	IP 54
OPERATING TEMPERATURE	-4°F - 176°F (-20°C - 80°C)

Thread Size	Inside Diameter (d)	Outside Diameter (D)	Thread Length (TL)	Body Length (L)	Wrench (F ₁)	Wrench (F)	Clearance Hole (A)	Fits to DN Size	Part Numbers
	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	+0.1" (.25 mm)	Meleon Pro A / B / C	
M12 X 1.5	.65 (16.5)	.96 (24.5)	.39 (10)	1.34 (34)	.79 (20)	.87 (22)	.47 (12)	- / 9 / 9	MPSM1209-BR
M16 X 1.5	.75 (19)	1.15 (29.2)	.39 (10)	1.38 (35)	.79 (20)	.87 (22)	.63 (16)	10 / 11 / 11	MPSM1611-BR
M16 X 1.5	.87 (22)	1.28 (32.6)	.45 (11.5)	1.46 (37)	.94 (24)	1.02 (26)	.63 (16)	12 / 13 / 13	MPSM1612-BR
M20 X 1.5	.87 (22)	1.28 (32.6)	.51 (13)	1.61 (41)	1.06 (27)	1.14 (29)	.79 (20)	16 / 16 / 16	MPSM2016-BR
M25 X 1.5	1.08 (27.5)	1.53 (38.8)	.59 (15)	1.73 (44)	1.30 (33)	1.38 (35)	.98 (25)	21 / 21 / 21	MPSM2521-BR
M32 X 1.5	1.36 (34.5)	1.97 (50)	.59 (15)	2.01 (51)	1.70 (43)	1.77 (45)	1.26 (32)	27 / 26 / 26	MPSM3226-BR
M40 X 1.5	1.71 (43.5)	2.36 (60)	.63 (16)	2.13 (54)	2.05 (52)	2.13 (54)	1.57 (40)	35 / 35 / 35	MPSM4035-BR
M50 X 1.5	1.95 (49.5)	2.73 (69.3)	.71 (18)	2.52 (64)	2.36 (60)	2.48 (63)	1.97 (50)	40 / 40 / 40	MPSM5040-BR
M63 X 1.5	2.44 (62)	3.35 (85)	.79 (20)	2.99 (76)	2.91 (74)	3.03 (77)	2.48 (63)	51 / 51 / 51	MPSM6351-BR
1/4" NPT	.65 (16.5)	.96 (24.5)	.39 (10)	1.38 (35)	.79 (20)	.87 (22)	.49 (12.5)	10 / 11 / 11	MPSN1410-BR
3/8" NPT	.75 (19)	1.15 (29.2)	.45 (11.5)	1.46 (37)	.79 (20)	.87 (22)	.68 (17.2)	12 / 13 / 13	MPSN3812-BR
1/2" NPT	.87 (22)	1.28 (32.6)	.51 (13)	1.61 (41)	1.06 (27)	1.14 (29)	.83 (21.1)	16 / 16 / 16	MPSN1216-BR
3/4" NPT	1.08 (27.5)	1.53 (38.8)	.59 (15)	1.73 (44)	1.30 (33)	1.38 (35)	1.05 (26.7)	21 / 21 / 21	MPSN3421-BR
1" NPT	1.36 (34.5)	1.97 (50)	.59 (15)	2.01 (51)	1.70 (43)	1.77 (45)	1.35 (34.3)	27 / 26 / 26	MPSN1026-BR
1-1/4" NPT	1.71 (43.5)	2.36 (60)	.63 (16)	2.13 (54)	2.05 (52)	2.13 (54)	1.7 (43.2)	35 / 35 / 35	MPSN5435-BR
1-1/2" NPT	1.95 (49.5)	2.73 (69.3)	.71 (18)	2.52 (64)	2.36 (60)	2.48 (63)	1.9 (48.3)	40 / 40 / 40	MPSN6440-BR
2" NPT	2.44 (62)	3.35 (85)	.79 (20)	2.99 (76)	2.91 (74)	3.03 (77)	2.4 (61)	51 / 51 / 51	MPSN2051-BR

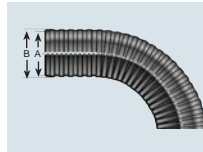
SUPERFLEX CONDUIT SERIES

CONDUITS - Compatible Fittings On Page 14-15



The SUPERFLEX Conduit is made of a special plastic blend allowing for greater movement. Due to its higher flexibility, it is an ideal solution for drag chain, robotics and similar dynamic applications.

Superflex Conduit

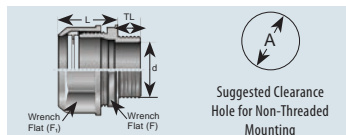


MATERIAL	THERMOPLASTIC ELASTOMER
PROTECTION CATEGORY	IP 54, IP 65
OPERATING TEMPERATURE	-58°F - 320°F (-50°C - 160°C)
COLORS	BLACK

Conduit Size	Roll Length (Feet)	Inner Dia. (A) x Outer Dia. (B) Inches (mm)	Fits Turn-to-Seal Fittings	Part Numbers
10	164	.39 x .51 (9.9 x 12.9)	PG 7, 3/8" NPT, PG 9, M 16	SM-1013-HY
12	164	.48 x .62 (12.2 x 15.7)	PG 11, 3/8" NPT	SM-1216-HY
17	164	.65 x .83 (16.6 x 21)	PG 16, 1/2" NPT	SM-1721-HY
23	164	.88 x 1.12 (22.4 x 28.4)	PG 21, 3/4" NPT, M 25	SM-2328-HY
29	82	1.11 x 1.36 (28.3 x 34.5)	PG 29, 1" NPT, M 32	SM-2934-HY
37	82	1.40 x 1.67 (35.5 x 42.3)	PG 36, 1-1/4" NPT	SM-3642-HY
50	82	1.87 x 2.13 (47.5 x 54.2)	PG 48, 2" NPT	SM-4854-HY

Straight Fitting

TURN TO SEAL

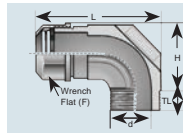


MATERIAL	NYLON - POLYAMIDE
PROTECTION CATEGORY	IP 65
OPERATING TEMPERATURE	-40°F - 230°F (-40°C - 110°C)

Thread Type and Size	Thread Length (TL) in (mm)	Body Length (L) in (mm)	Wrench Flat (Body) (F) in (mm)	Wrench Flat (Dome) (F1) in (mm)	Inside Diameter (d) in (mm)	Clearance Hole (A) +.01" (.25 mm)	Fits to Poleon DN	Part Numbers
PG7	.31 (8)	1.02 (26)	.75 (19)	.87 (22)	.33 (8.5)	.49 (12.5)	10	ST07AA-BK
PG7	.31 (8)	1.02 (26)	.75 (19)	.87 (22)	.33 (8.5)	.49 (12.5)	8	ST07AR-BK
PG9	.31 (8)	1.02 (26)	.75 (19)	.87 (22)	.43 (11)	.60 (15.2)	10	ST09AA-BK
PG11	.31 (8)	1.02 (26)	.87 (22)	.94 (24)	.55 (14)	.73 (18.5)	12	ST11AA-BK
PG16	.31 (8)	1.02 (26)	1.06 (27)	1.18 (30)	.67 (17)	.89 (22.5)	17	ST16AA-BK
PG21	.39 (10)	1.34 (34)	1.50 (38)	1.50 (38)	.91 (23)	1.12 (28.4)	23	ST21AA-BK
PG29	.39 (10)	1.34 (34)	1.81 (46)	1.81 (46)	1.22 (31)	1.47 (37.3)	29	ST29AA-BK
PG36	.59 (15)	1.73 (44)	2.17 (55)	2.40 (61)	1.57 (40)	2.13 (54.1)	37	ST36AA-BK
PG48	.59 (15)	1.97 (50)	2.55 (65)	2.91 (74)	2.01 (51)	2.34 (59.4)	50	ST48AA-BK
3/8" NPT	.55 (14)	1.02 (26)	.87 (22)	.94 (24)	.47 (12)	.68 (17.2)	12	ST11NA-BK
1/2" NPT	.51 (13)	1.02 (26)	1.06 (27)	1.18 (30)	.55 (14)	.83 (21.1)	17	ST16NA-BK
3/4" NPT	.55 (14)	1.22 (31)	1.46 (37)	1.50 (38)	.75 (19)	1.05 (26.7)	23	ST21NA-BK
1" NPT	.75 (19)	1.25 (32)	1.81 (46)	1.81 (46)	1.02 (26)	1.35 (34.3)	29	ST29NA-BK
1-1/4" NPT	.71 (18)	1.73 (44)	2.17 (55)	2.40 (61)	1.38 (35)	1.7 (43.2)	37	ST36NA-BK

Elbow Fitting

TURN TO SEAL



MATERIAL	NYLON - POLYAMIDE
PROTECTION CATEGORY	IP 65
OPERATING TEMPERATURE	-40°F - 230°F (-40°C - 110°C)

Thread Type and Size	Thread Length (TL) in (mm)	Elbow Length (L) in (mm)	Elbow Height (H) in (mm)	Wrench Flat (F) (Dome) in (mm)	Inside Diameter (d) in (mm)	Clearance Hole (A) +.01" (.25 mm)	Fits to Poleon DN	Part Numbers
PG9	.30 (7.5)	1.77 (45)	1.06 (27)	.87 (22)	.37 (9.5)	.60 (15.2)	10	ET09AA-BK
PG11	.31 (8)	2.01 (51)	1.14 (29)	.94 (24)	.51 (13)	.73 (18.5)	12	ET11AA-BK
PG16	.39 (10)	2.20 (56)	1.38 (35)	1.18 (30)	.63 (16)	.89 (22.5)	17	ET16AA-BK
PG21	.43 (11)	2.64 (67)	1.61 (41)	1.50 (38)	.87 (22)	1.12 (28.4)	23	ET21AA-BK
PG29	.47 (12)	3.23 (82)	2.09 (53)	1.81 (46)	1.14 (29)	1.47 (37.3)	29	ET29AA-BK
3/8" NPT	.31 (8)	2.01 (51)	1.14 (29)	.94 (24)	.51 (13)	.68 (17.2)	12	ET11NA-BK
1/2" NPT	.39 (10)	2.20 (56)	1.38 (35)	1.18 (30)	.63 (16)	.83 (21.1)	17	ET16NA-BK
3/4" NPT	.43 (11)	2.64 (67)	1.61 (41)	1.50 (38)	.83 (21)	1.05 (26.7)	23	ET21NA-BK
1" NPT	.47 (12)	3.23 (82)	2.09 (53)	1.81 (46)	1.06 (27)	1.35 (34.3)	29	ET29NA-BK

Additional fittings that are compatible with the Superflex Conduit Series

Nylon-Fitting Y



See page 8 for more information

MATERIAL	NYLON - POLYAMIDE
PROTECTION CATEGORY	IP 66
OPERATING TEMPERATURE	-40°F - 248°F (-40°C - 120°C)
COLORS	BLACK (RAL 9005)

Nylon-Fitting W



See page 7 for more information

MATERIAL	NYLON - POLYAMIDE
O-RING	BUNA-N
PROTECTION CATEGORY	IP 54, IP 65
OPERATING TEMPERATURE	-4°F - 176°F (-20°C - 80°C)
COLORS	BLACK (RAL 9005)

Nylon-Fitting N



See page 7 for more information

MATERIAL	NYLON - POLYAMIDE
O-RING	BUNA-N
PROTECTION CATEGORY	IP 54, IP 65
OPERATING TEMPERATURE	-4°F - 176°F (-20°C - 80°C)
COLORS	BLACK (RAL 9005), OPTIONAL GREY (RAL 7031)

Nylon-Fitting 90



See page 4 for more information

MATERIAL	NYLON - POLYAMIDE
PROTECTION CATEGORY	IP 55
OPERATING TEMPERATURE	-22°F - 176°F (-30°C - 80°C)
COLORS	BLACK (RAL 9005), OPTIONAL GREY (RAL 7031)

Nylon-Fitting



See page 4 for more information

MATERIAL	NYLON - POLYAMIDE
PROTECTION CATEGORY	IP 55
OPERATING TEMPERATURE	-22°F - 176°F (-30°C - 80°C)
COLORS	BLACK (RAL 9005), OPTIONAL GREY (RAL 7031)

Metal-Fitting Clip

RoHS



MATERIAL

METAL

Thread Size	Fits to Meleon Pro A / B / C	Part Numbers
7	7 / - / -	MFC07
9	9 / - / -	MFC09
11	11 / - / -	MFC11
14	11 / - / -	MFC14
16	16 / 16 / 16	MFC16
21	21 / 21 / 21	MFC21
26 / 27	- / 27 / 26	MFC27
35	35 / 35 / 35	MFC35
51	51 / - / -	MFC51

Conduit Markets & Applications

Perfect for rugged environments, impact / crush resistant, outdoor, vandalism safe, extreme temperatures and flexible / high bend requirement

- **Transportation** - Railroad, Shipyards, etc.
- **Light & Heavy Equipment** - Cranes, etc.
- **Automation** - Conveyors, Robotics, etc.
- **Medical**
- **Machine Builders**- Packaging, Printing, etc.
- **Construction & Architecture** - Safety and Security
- **Renewable Energy** - Solar, Wind, etc.
- **Lighting** - Stage & Entertainment
- **Automotive**
- **HVAC**
- **Military**
- **Mining**
- **Maintenance & Repair** - MRO
- **Electrical Reseller / Distribution**

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