New UL Listed Products

LFNC-C
Liquid-tight, Flexible, NonMetallic Conduit
Corrugated

ROHRflex® PA 6 - UL - SD

Fittings:
RQG-N / RQG-M
RQW-N / RQW-M
RQB45-N / RQB45-M

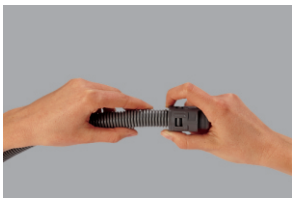
For installation in accordance with Article 356 of ANSI / NFPA 70, “National Electrical Code” (NEC).
This product may also be used for installation of conductors for electrical signs and outline lighting in accordance with NEC.

Standard for products in this category for conduit is ANSI / UL1660 and for fittings UL 514B.

FLEXAquick® System Advantage

- Quick Connect & Disconnect
- No Special Tools Required
- No Additional Parts Required
- Total System Integration
- 3 Second termination
- IP 68 / 69K

Insert conduit entirely into fitting
Fitting will only turn with force
For IP 68 / 69K



Remove by grabbing collar
Pull
No additional tools required

Fitting is ready for use again
IP 68 / 69K

“Unsurpassed in Cable Protection and Strain Relief”

service@aerosusa.com aerosusa.com 717.238.1444

New UL Listed Products

ROHRflex® PA 6 - UL - SD

c UL us LISTED
(NONMETTALIC LIQUID-TIGHT CONDUIT)
E495847

Material: Plastic (PA6)
Color: Black

Construction
Corrugated all-plastic tubing, internally and externally corrugated

Temperature Range
-25°C up to +120°C

Properties
- Air and liquid tight
- Oil resistance up to 80°C
- Benzine resistant
- Widely resistant to acids and solvents
- Free of silicone, cadmium & hydrogen
- Highly self extinguishing
- Flame retardant
- Outdoor Rated / UV-resistant
- UL 1660 | CSA C22.2 Nr. 227.2.1-14

RoHS REACH

Fine Profile

Part #		OD	mm	stat	dyn	m / ft
0238.202.016	½“	21,2	16,0 x 21,2	50	75	50 / 164
0238.202.023	¾“	28,5	22,5 x 28,5	60	100	50 / 164
0238.202.029	1“	34,5	28,4 x 34,5	70	120	25 / 82
0238.202.036	1 ¼“	42,5	35,5 x 42,5	100	150	25 / 82
0238.202.048	1 ½“	54,5	47,5 x 54,5	110	190	25 / 82

RQG - N

Material: Body - Plastic (PA6)
Seal - TPE

Construction
Connector case with hexagonal wrench surface, fixed outer thread, integrated snap-in sleeve and sealing

Temperature Range
-40°C up to +120°C

Properties
- One piece connector with push-in lock for coarse and fine profile conduits
- Simple dismounting by displacing the snap-in sleeve
- Free of silicone, cadmium & hydrogen
- Self-extinguishing
- Fit for high mechanical stress
- Impact-resistant
- UL514B, CSA C22.2 No. 18.3-12

RoHS REACH

IP 68 / 69K c UL us LISTED (CONDUIT FITTING) 614D

Part #		Ø		Nm	Ø I mm	Ø B mm	C mm	D mm	SW mm	St. Pcs.
5020.056.206	UL	21,2	1/2“	2,5	15,5	29,5	13,0	44,5	27	50
5020.038.221	UL	28,5	3/4“	6,0	20,7	37,0	14,0	47,5	34	25
5020.038.227	UL	34,5	1“	9,0	25,7	44,0	16,0	52,0	40	25
5020.056.207	UL	42,5	1 1/4“	9,0	34,0	52,0	18,0	47,5	49	25
5020.056.209	UL	54,5	1 1/2“	9,0	39,5	64,0	18,0	57,0	60	10
5020.056.210	UL	54,5	2“	12,0	48,5	64,0	21,0	60,0	60	10

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New UL Listed Products

RQG - M

IP 68 / 69K	c UL us LISTED (CONDUIT FITTING) 514D	OD			Ø I mm	Ø B mm	C mm	D mm	SW mm	St. Pcs.
Part #		Ø		Nm						
5020.037.220	UL	21.2	M 20 x 1.5	5	16.0	29.5	13.0	44.5	27	50
5020.065.209	UL	21.2	M 25 x 1.5	6	17.0	29.5	13.0	44.5	27	50
5020.037.225	UL	28.5	M 25 x 1.5	6	20.5	37.0	13.0	47.0	34	25
5020.065.211	UL	28.5	M 32 x 1.5	10	23.5	37.0	15.0	49.0	34	25
5020.037.232	UL	34.5	M 32 x 1.5	10	25.5	44.0	15.0	51.0	40	25
5020.037.238	UL	34.5	M 40 x 1.5	12	30.5	48.5	15.0	51.5	40	25
5020.037.240	UL	42.5	M 40 x 1.5	12	32.0	58.0	17.0	76.0	55	25
5020.037.245	UL	42,5	M 50 x 1.5	15	37.5	63.0	17.0	76.0	60	25
5020.037.250	UL	54,5	M 50 x 1.5	15	42.5	68.0	17.0	76.0	65	10
5020.037.263	UL	54.5	M 63 x 1.5	18	49.0	74.0	17.0	88.0	70	10

RQW - N

Sealing

Connector body Snap-in sleeve

Material: Body - Plastic (PA6)
Seal - TPE

Construction
Connector case with hexagonal wrench surface, fixed outer thread, integrated snap-in sleeve and sealing

Temperature Range
-40°C up to +120°C

Properties

- One piece connector with push-in lock for coarse and fine profile conduits
- Simple dismounting by displacing the snap-in sleeve
- Free of silicone, cadmium & hydrogen
- Self-extinguishing
- Fit for high mechanical stress
- Impact-resistant
- UL514B, CSA C22.2 No. 18.3-12

RoHS REACH

IP 68 / 69K	c UL us LISTED (CONDUIT FITTING) 514D	OD			Ø I mm	Ø B mm	C mm	E mm	F mm	Ø D mm	St. Pcs.
Part #		Ø		Nm							
5020.057.206	UL	21,2	1/2"	2,5	16,0	29,5	13,0	51,0	48,5	27,0	50
5020.039.221	UL	28,5	3/4"	6,0	21,0	37,0	14,0	57,5	57,0	34,0	25
5020.039.228	UL	34,5	1"	9,0	28,0	44,0	16,0	67,5	66,0	43,0	10
5020.057.207	UL	42,5	1 1/4"	9,0	35,0	52,0	18,0	83,0	76,0	52,0	10
5020.057.209	UL	54,5	1 1/2"	9,0	41,0	64,0	18,0	95,0	87,0	64,5	5
5020.057.210	UL	54,5	2"	12,0	52,0	66,0	21,0	100,0	90,0	65,0	5

New UL Listed Products

RQW - M

IP 68 / 69K — c UL us LISTED (CONDUIT FITTING) 514D — OD

Part #		Ø		Nm	Ø I mm	Ø B mm	C mm	E mm	F mm	Ø D mm	St. Pcs.
5020.064.220	UL	21.2	M 20 x 1.5	5	14,8	29,5	13,0	50,0	49,0	27,0	50
5020.036.225	UL	21.2	M 25 x 1.5	6	18,0	29,5	13,0	50,0	49,0	29,5	50
5020.064.225	UL	28.5	M 25 x 1.5	6	18,0	37,0	13,0	57,0	57,0	34,0	25
5020.036.232	UL	28.5	M 32 x 1.5	10	24,0	37,0	15,0	57,0	59,0	37,0	25
5020.064.232	UL	34.5	M 32 x 1.5	10	24,0	44,0	15,0	67,5	65,0	43,0	10
5020.036.240	UL	34.5	M 40 x 1.5	12	32,0	44,0	15,0	67,5	67,0	45,0	10
5020.064.240	UL	42.5	M 40 x 1.5	12	32,0	52,0	15,0	83,0	72,0	51,5	10
5020.036.250	UL	42,5	M 50 x 1.5	15	39,0	52,0	15,5	83,0	74,5	55,0	10
5020.064.250	UL	54,5	M 50 x 1.5	15	39,0	64,0	15,0	94,0	84,0	64,0	5
5020.036.263	UL	54.5	M 63 x 1.5	18	53,0	64,0	16,0	94,0	85,5	68,0	5

RQB45 - N

Sealing

Connector body **Snap-in sleeve**

Material: Body - Plastic (PA6)
Seal - TPE

Construction
Connector case with hexagonal wrench surface, fixed outer thread, integrated snap-in sleeve and sealing

Temperature Range
-40°C up to +120°C

Properties

- One piece connector with push-in lock for coarse and fine profile conduits
- Simple dismounting by displacing the snap-in sleeve
- Free of silicone, cadmium & hydrogen
- Self-extinguishing
- Fit for high mechanical stress
- Impact-resistant
- UL514B, CSA C22.2 No. 18.3-12

RoHS REACH

IP 68 / 69K — c UL us LISTED (CONDUIT FITTING) 514D — OD

Part #		Ø		Nm	Ø I mm	Ø B mm	C mm	E mm	F mm	SW mm	St. Pcs.
5020.017.206	UL	21,2	1/2"	2,5	14,5	29,5	12,0	55,0	60,0	26	50
5020.017.214	UL	28,5	3/4"	6,0	20,0	37,0	13,0	67,0	70,0	32	25
5020.017.216	UL	34,5	1"	9,0	25,0	44,0	14,0	73,5	75,0	39	10
5020.017.217	UL	42,5	1 1/4"	9,0	39,0	52,0	17,0	82,5	100,0	48	10
5020.017.209	UL	54,5	1 1/2"	9,0	37,5	64,0	17,0	97,0	100,0	59	5
5020.017.210	UL	54,5	2"	12,0	45,5	64,0	17,0	97,0	100,0	70	5

New UL Listed Products

RQB45 - M

IP 68 / 69K

Part #		Ø		Nm	Ø I mm	Ø B mm	C mm	E mm	F mm	SW mm	St. Pcs.
5100.021.220	UL	21.2	M 20 x 1.5	5	13,0	29,5	12,0	55,0	60,0	26	50
5100.021.225	UL	21.2	M 25 x 1.5	6	14,5	29,5	13,0	56,0	60,0	26	50
5100.028.225	UL	28.5	M 25 x 1.5	6	17,0	37,0	13,0	64,0	72,0	32	25
5100.028.232	UL	28.5	M 32 x 1.5	10	20,0	37,0	14,0	64,0	75,0	36	25
5100.034.232	UL	34.5	M 32 x 1.5	10	23,0	44,0	14,0	73,5	76,0	39	10
5100.034.240	UL	34.5	M 40 x 1.5	12	29,0	44,0	14,0	73,5	77,0	45	10
5100.042.240	UL	42.5	M 40 x 1.5	12	31,5	52,0	17,0	82,5	86,0	48	10
5100.042.250	UL	42,5	M 50 x 1.5	15	36,0	52,0	17,0	82,5	86,0	58	10
5100.054.250	UL	54,5	M 50 x 1.5	15	35,5	64,0	17,0	92,0	95,0	58	5
5100.054.263	UL	54.5	M 63 x 1.5	18	45,5	64,0	17,0	97,0	100,0	69	5

DIFFERENCE BETWEEN NORTH AMERICAN APPROVALS

UL 1660: LIQUID TIGHT | FLEXIBLE NON METALLIC CONDUIT

This approval is the non-metallic flexible conduit standard. Corrugated tubings are normally made of polyamide and as the fittings for this type of tubing are not compression fittings, the conduit and fittings need to be supplied as a system. FLEXA has ROHRflex PA 6-UL-SD corrugated conduits UL listed to UL 1660. This conduit is designed for use with UL listed range of RQG with NPT threads. The Ul mark is cULus, showing approval for use in USA and Canada.

UL 514B: NON METALLIC CONDUIT FITTINGS

Conduit fittings are specified under UL 514B.

UL 360 LIQUID TIGHT | FLEXIBLE METAL CONDUIT

This is the standard for galvanized steel, PVC sheathed flexible steel conduits. This standard specifies the conduit dimensions, with tolerances and for sizes up to 40 mm it requires a copper bonding wire to be incorporated into the wall of the conduit.

UL 1696: NON-METALLIC PROTECTION TUBING

UL recognized approval is applicable to a component or raw material that is to be incorporated into a apiece of finished equipment that will itself be UL listed. UL 1696 is the newest UL standard for conduits and is a system standard incorporating conduits and fittings.