

starQuick® SELF-LOCKING PIPE CLAMP

- ☐ 1/4" - 2" Copper Tube and Iron Pipe
- ☐ UV-stabilized Polymer
- ☐ Bare Metal
- ☐ Time and cost saving solution for pipe fixing due to self-locking attribute.
- ☐ ASTM E-84 - plenum rated, UL Listed
- ☐ Temperature resistance -40°F to 200°F
- ☐ Specify part number, pipe size, and name.



PART No.	SPECIFICATION DATA			PC'S. PER PKG.
	Diameter (mm)	IP (")	CT (")	
SQ-10	10 - 12	-	1/4	100
SQ-12	12 - 14	1/4	3/8	100
SQ-15	14 - 16	-	1/2	100
SQ-17	16 - 20	3/8	5/8 PEX	100
SQ-20	20 - 23	1/2	3/4	50
SQ-25	24 - 28	3/4	-	50
SQ-28	28 - 32	-	1	50
SQ-32	32 - 35	1	1 1/4	50
SQ-36	35 - 40	-	-	25
SQ-40	40 - 44	1 1/4	1 1/2	25
SQ-47	44 - 50	1 1/2	-	25
SQ-51	48 - 55	-	2	15
SQ-59	59 - 65	2	-	15

Scroll down for load ratings, expanded sizing charts, and other technical information



QWI 4.3.1 Issue Date Jan/12 Rev.2

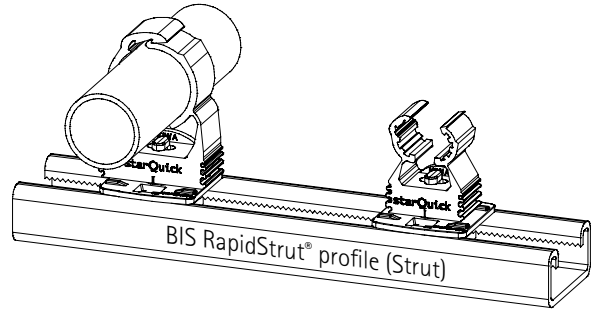
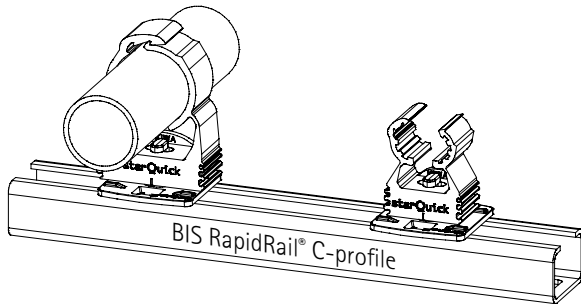
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Product Specification

starQuick® System

25/50 Plenum Rated

starQuick® Clamp + starQuick® Universal Rail Adaptor



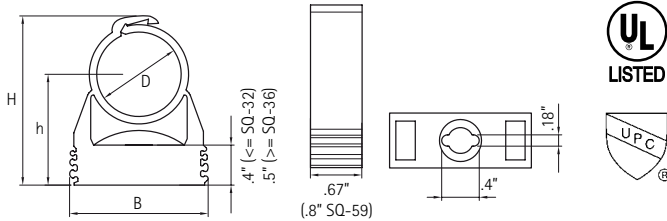
Specification:

The starQuick® System is a flame and smoke rated clamp compatible for use with Copper, Iron Pipe, PEX, CPVC, PVC, Conduit, Wire, Cable and more. Supports 1/4" CTS up to 2" IPS tubing sizes. When paired with the Universal Rail Adaptor, starQuick® Clamps mount easily to Strut or BIS RapidRail® C-profile. Material meets ASTM E-84 25/50 Flame/Smoke rating.

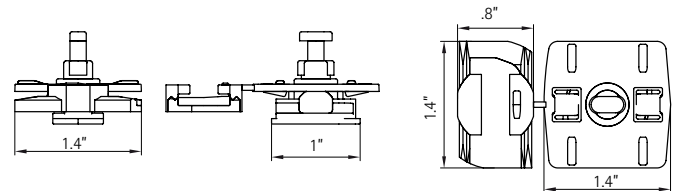
Product Information:

- Material: PA-6 Nylon - Grey
- Temperature range: -40° F to 200° F (constant), 260° F (peak)
- Load rating: see Chart
- Meets ASTM E-84 25/50 plenum rating
- UV Stabilized
- UL, UPC / IAPMO listed

starQuick® Clamp (085 4 0XX)



starQuick® Universal Rail Adaptor (085 4 332)



Part No.	Type	D (mm)	IP (")	CT (")	B (")	H (")	D (")	Fa,z (lbs)	Fb,z (lbs)
085 4 010	SQ-10	10 - 12	-	1/4	1.1	1.3	0.91	38	112
085 4 012	SQ-12	12 - 14	1/4	3/8	1.1	1.3	0.91	40	123
085 4 015	SQ-15	14 - 16	-	1/2	1.1	1.4	0.94	45	134
085 4 018	SQ-17	16 - 20	3/8	5/8	1.1	1.6	1.00	51	157
085 4 022	SQ-20	20 - 23	1/2	3/4	1.1	1.7	1.10	60	179
085 4 028	SQ-25	24 - 28	3/4	-	1.6	2.0	1.20	63	191
085 4 031	SQ-28	28 - 32	-	1	1.6	2.1	1.30	67	202
085 4 035	SQ-32	32 - 35	1	1 1/4	1.7	2.2	1.30	74	224
085 4 038	SQ-36	35 - 40	-	-	1.9	2.6	1.60	83	247
085 4 042	SQ-40	40 - 44	1 1/4	1 1/2	2.0	2.8	1.70	90	269
085 4 050	SQ-47	44 - 50	-	-	2.2	3.0	1.80	96	292
085 4 054	SQ-51	48 - 55	1 1/2	2	2.5	3.2	1.90	105	314
085 4 063	SQ-59	59 - 65	2	-	2.9	3.7	2.20	112	337
085 4 332	Universal Rail Adaptor								

Fa = maximum allowed load, Fb = breaking load

Product Submittal

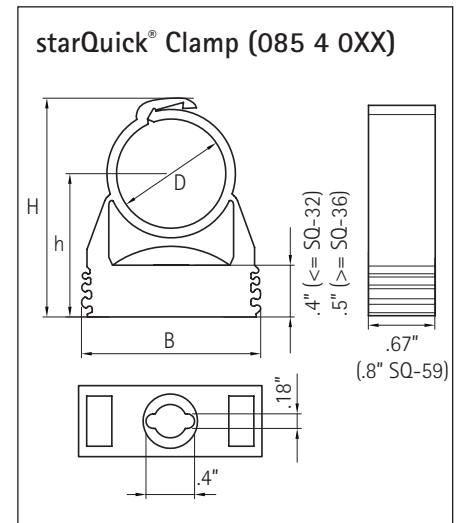
Job Name:	
Date:	
Part No.	Qty:
Architect / Owner:	
Contractor:	
Notes:	

Selection Chart

starQuick® System

Part No.	Type	D (mm)	IP (")	CT (")	B (")	H (")	D (")	Fa,z (lbs)	Fb,z (lbs)
085 4 010	SQ-10	10 - 12	-	1/4	1.1	1.3	0.91	38	112
085 4 012	SQ-12	12 - 14	1/4	3/8	1.1	1.3	0.91	40	123
085 4 015	SQ-15	14 - 16	-	1/2	1.1	1.4	0.94	45	134
085 4 018	SQ-17	16 - 20	3/8	5/8	1.1	1.6	1.00	51	157
085 4 022	SQ-20	20 - 23	1/2	3/4	1.1	1.7	1.10	60	179
085 4 028	SQ-25	24 - 28	3/4	-	1.6	2.0	1.20	63	191
085 4 031	SQ-28	28 - 32	-	1	1.6	2.1	1.30	67	202
085 4 035	SQ-32	32 - 35	1	1 1/4	1.7	2.2	1.30	74	224
085 4 038	SQ-36	35 - 40	-	-	1.9	2.6	1.60	83	247
085 4 042	SQ-40	40 - 44	1 1/4	1 1/2	2.0	2.8	1.70	90	269
085 4 050	SQ-47	44 - 50	-	-	2.2	3.0	1.80	96	292
085 4 054	SQ-51	48 - 55	1 1/2	2	2.5	3.2	1.90	105	314
085 4 063	SQ-59	59 - 65	2	-	2.9	3.7	2.20	112	337

Fa = maximum allowed load, Fb = breaking load



Plastic Pipe	Nominal pipe size / actual pipe outside diameter								
	1/8" ID .405" OD	1/4" ID .540" OD	3/8" ID .675" OD	1/2" ID .840" OD	3/4" ID 1.050" OD	1" ID 1.315" OD	1.1/4" ID 1.660" OD	1.1/2" ID 1.900" OD	2" ID 2.375" OD
PVC Schedules 40, 80 & 120	085 4 010 sQ10	085 4 012 sQ12	085 4 018 sQ17	085 4 022 sQ20	085 4 028 sQ25	085 4 035 sQ32	085 4 042 sQ40	085 4 050 sQ47	085 4 063 sQ59
CPVC Schedules 40 & 80	-	085 4 012 sQ12	085 4 018 sQ17	085 4 022 sQ20	085 4 028 sQ25	085 4 035 sQ32	085 4 042 sQ40	085 4 050 sQ47	085 4 063 sQ59
ABS Schedules 40 & 80	-	-	085 4 018 sQ17	085 4 022 sQ20	085 4 028 sQ25	085 4 035 sQ32	085 4 042 sQ40	085 4 050 sQ47	085 4 063 sQ59
PE Schedules 40 & 80	-	085 4 012 sQ12	085 4 018 sQ17	085 4 022 sQ20	085 4 028 sQ25	085 4 035 sQ32	085 4 042 sQ40	085 4 050 sQ47	085 4 063 sQ59
PP Schedules 40 & 80	-	-	085 4 018 sQ17	085 4 022 sQ20	085 4 028 sQ25	085 4 035 sQ32	085 4 042 sQ40	085 4 050 sQ47	085 4 063 sQ59
PVDF Schedule 80	-	-	085 4 018 sQ17	085 4 022 sQ20	085 4 028 sQ25	085 4 035 sQ32	085 4 042 sQ40	085 4 050 sQ47	085 4 063 sQ59
PB Schedule 80	-	-	085 4 018 sQ17	085 4 022 sQ20	085 4 028 sQ25	085 4 035 sQ32	085 4 042 sQ40	085 4 050 sQ47	085 4 063 sQ59
Fiberglass Reinforced pipe standard + extra heavy	-	-	-	085 4 022 sQ20	085 4 028 sQ25	085 4 035 sQ32	-	085 4 050 sQ47	085 4 063 sQ59

085 4 OXX = Part No. / sQXX = Type

Metal Pipe	Nominal pipe size / actual pipe outside diameter								
	1/8" ID .405" OD	1/4" .540"	3/8" .675"	1/2" .840"	3/4" 1.050"	1" 1.315"	1.1/4" 1.660"	1.1/2" 1.900"	2" 2.375"
Galvanized Carbon Steel Schedules 5s, 10s, 40 & 80	085 4 010 sQ10	085 4 012 sQ12	085 4 018 sQ17	085 4 022 sQ20	085 4 028 sQ25	085 4 035 sQ32	085 4 042 sQ40	085 4 050 sQ47	085 4 063 sQ59
Stainless Steel Schedules 5s, 10s, 40 & 80	085 4 010 sQ10	085 4 012 sQ12	085 4 018 sQ17	085 4 022 sQ20	085 4 028 sQ25	085 4 035 sQ32	085 4 042 sQ40	085 4 050 sQ47	085 4 063 sQ59
Red & Yellow Brass & Copper Regular & Extra Strong	085 4 010 sQ10	085 4 012 sQ12	085 4 018 sQ17	085 4 022 sQ20	085 4 028 sQ25	085 4 035 sQ32	-	085 4 050 sQ47	085 4 063 sQ59
Aluminium 5s, 10s, 40 & 80	085 4 010 sQ10	085 4 012 sQ12	085 4 018 sQ17	085 4 022 sQ20	085 4 028 sQ25	085 4 035 sQ32	085 4 042 sQ40	085 4 050 sQ47	085 4 063 sQ59

085 4 OXX = Part No. / sQXX = Type

Copper Tube	Nominal tube size / actual tube outside diameter								
	1/4" .375"	3/8" .500"	1/2" .625"	5/8" .750"	3/4" .875"	1" 1.125"	1.1/4" 1.375"	1.1/2" 1.625"	2" 2.125"
ACR	085 4 010 sQ10	085 4 012 sQ12	085 4 015 sQ15	085 4 018 sQ17	085 4 022 sQ20	085 4 031 sQ28	085 4 035 sQ32	085 4 042 sQ40	085 4 054 sQ51
Refrigeration Service	085 4 010 sQ10	085 4 012 sQ12	085 4 015 sQ15	085 4 018 sQ17	085 4 022 sQ20	085 4 031 sQ28	085 4 035 sQ32	085 4 042 sQ40	085 4 054 sQ51
Type K, L, M	085 4 010 sQ10	085 4 012 sQ12	085 4 015 sQ15	085 4 018 sQ17	085 4 022 sQ20	085 4 031 sQ28	085 4 035 sQ32	085 4 042 sQ40	085 4 054 sQ51
DWV	-	-	-	-	-	-	085 4 035 sQ32	085 4 050 sQ47	085 4 054 sQ51

085 4 OXX = Part No. / sQXX = Type

Plastic Tube	Nominal tube size / actual tube outside diameter							
	1/4" .375"	3/8" .500"	1/2" .625"	3/4" .875"	1" 1.125"	1.1/4" 1.375"	1.1/2" 1.625"	2" 2.125"
Polybutylene	085 4 010 sQ10	085 4 012 sQ12	085 4 015 sQ15	085 4 022 sQ20	085 4 031 sQ28	085 4 035 sQ32	085 4 042 sQ40	085 4 054 sQ51
PVC	-	-	085 4 015 sQ15	085 4 022 sQ20	085 4 031 sQ28	085 4 035 sQ32	085 4 042 sQ40	085 4 054 sQ51
PEX	085 4 010 sQ10	085 4 012 sQ12	085 4 015 sQ15	085 4 022 sQ20	085 4 031 sQ28	085 4 035 sQ32	085 4 042 sQ40	085 4 054 sQ51
CPVC	-	085 4 012 sQ12	085 4 015 sQ15	085 4 022 sQ20	085 4 031 sQ28	085 4 035 sQ32	085 4 042 sQ40	085 4 054 sQ51
DWV	-	-	085 4 015 sQ15	085 4 022 sQ20	085 4 031 sQ28	085 4 035 sQ32	085 4 042 sQ40	085 4 054 sQ51
See manufacturers sales information for sizing information.								

085 4 OXX = Part No. / sQXX = Type

Electrical Conduit Rigid	Nominal tube size / actual tube outside diameter					
	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
EMT (Galvanized Steel)	085 4 018 sQ17	085 4 022 sQ20	085 4 028 sQ25	085 4 042 sQ40	085 4 042 sQ40	-
IMC (Galvanized Steel & Aluminium)	085 4 022 sQ20	085 4 028 sQ25	085 4 035 sQ32	085 4 042 sQ40	085 4 050 sQ47	085 4 063 sQ59
Rigid (Galvanized Steel & Aluminium)	085 4 022 sQ20	085 4 028 sQ25	085 4 035 sQ32	085 4 042 sQ40	085 4 050 sQ47	085 4 063 sQ59
PVC Schedules 40 & 80	085 4 022 sQ20	085 4 028 sQ25	085 4 035 sQ32	085 4 042 sQ40	085 4 050 sQ47	085 4 063 sQ59
40 mm PVC Coated Rigid (Galvanized Steel & Alum.)	085 4 022 sQ20	085 4 031 sQ28	085 4 035 sQ32	085 4 050 sQ47	085 4 054 sQ51	085 4 063 sQ59
40 mm PVC Coated IMC (Galvanized Steel & Alum.)	085 4 022 sQ20	085 4 031 sQ28	085 4 035 sQ32	085 4 042 sQ40	085 4 054 sQ51	-
24 mm PVC Coated EMT (Galvanized Steel)	085 4 018 sQ17	085 4 028 sQ25	085 4 035 sQ32	085 4 042 sQ40	085 4 050 sQ47	-
Fiberglass (Small diameter tube dimensions)	-	-	-	-	-	085 4 054 sQ51
Fiberglass Standard & (Heavy wall pipe dimens.)	-	085 4 028 sQ25	085 4 035 sQ32	085 4 042 sQ40	085 4 054 sQ51	085 4 063 sQ59
Other speciality as Stainless Steel, Everdur same O.D. as IMC and Rigid	085 4 022 sQ20	085 4 028 sQ25	085 4 035 sQ32	085 4 042 sQ40	085 4 050 sQ47	085 4 063 sQ59

085 4 0XX = Part No. / sQXX = Type

Electrical Conduit Flexible	Nominal tube size / actual tube outside diameter								
	1/4"	5/16"	3/8"	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
Flexible Metal (Galvanized Steel & Aluminium)	-	085 4 012 sQ12	085 4 015 sQ15	085 4 022 sQ20	085 4 028 sQ25	085 4 035 sQ32	085 4 042 sQ40	085 4 050 sQ47	085 4 063 sQ59
Liquidtight Flexible (Metallic & Non-Metallic)	085 4 010 sQ10	085 4 015 sQ15	085 4 018 sQ17	085 4 022 sQ20	085 4 028 sQ25	085 4 035 sQ32	085 4 042 sQ40	085 4 050 sQ47	085 4 063 sQ59
Corrugated Flexible (Non- Metallic & Liquidtight)	-	-	085 4 018 sQ17	085 4 022 sQ20	085 4 028 sQ25	085 4 035 sQ32	085 4 042 sQ40	085 4 050 sQ47	085 4 063 sQ59
ENMT (Electric Non-Metallic)	-	-	-	085 4 022 sQ20	085 4 028 sQ25	085 4 035 sQ32	-	-	-
Corrlock® Flexible Nylon	-	-	085 4 015 sQ15	085 4 022 sQ20	085 4 035 sQ32	085 4 035 sQ32	085 4 042 sQ40	085 4 054 sQ51	-
Liquatite® (Non-Metallic Flexible (LNM & LNMP))	-	-	085 4 018 sQ17	085 4 022 sQ20	085 4 028 sQ25	085 4 035 sQ32	085 4 042 sQ40	085 4 050 sQ47	085 4 063 sQ59
Other speciality as Corrugated Ducts for Fiber Optics, same O.D. as Rigid	-	-	-	-	-	085 4 035 sQ32	085 4 042 sQ40	085 4 050 sQ47	085 4 063 sQ59

085 4 0XX = Part No. / sQXX = Type

Other Tube	Nominal tube size / actual tube outside diameter								
	1/8" .405	1/4" .54	3/8" .675	1/2" .84	3/4" 1.05	1" 1.315	1.1/4" 1.66	1.1/2" 1.9	2" 2.375
Galvanized Steel	085 4 010 sQ10	085 4 012 sQ12	085 4 018 sQ17	085 4 022 sQ20	085 4 028 sQ25	085 4 035 sQ32	085 4 042 sQ40	085 4 050 sQ47	085 4 063 sQ59
Stainless Steel	085 4 010 sQ10	085 4 012 sQ12	085 4 018 sQ17	085 4 022 sQ20	085 4 028 sQ25	085 4 035 sQ32	085 4 042 sQ40	085 4 050 sQ47	085 4 063 sQ59
Aluminium	085 4 010 sQ10	085 4 012 sQ12	085 4 018 sQ17	085 4 022 sQ20	085 4 028 sQ25	085 4 035 sQ32	085 4 042 sQ40	085 4 050 sQ47	085 4 063 sQ59

085 4 OXX = Part No. / sQXX = Type

Copper Wire	starQuick® & Grounding Conductors					
	Part No. Type	Bare Stranded Copper OD	Part No. Type	Thhn OD	Part No. Type	Thw OD
#3	-	-	-	-	085 4 010 sQ10	0.390"
#2	-	-	085 4 010 sQ10	0.390" - 0.400"	085 4 010 sQ10	0.420"
#1	-	-	085 4 010 sQ10	0.450" - 0.460"	085 4 012 sQ12	0.490" - 0.500"
#1/o	085 4 010 sQ10	0.373"	085 4 012 sQ12	0.490" - 0.500"	085 4 012 sQ12	0.530" - 0.540"
#2/o	085 4 010 sQ10	0.419"	085 4 012 sQ12	0.540" - 0.550"	085 4 015 sQ15	0.580" - 0.590"
#3/o	085 4 012 sQ12	0.470"	085 4 015 sQ15	0.590" - 0.600"	085 4 015 sQ15	0.630" - 0.640"
#4/o	085 4 012 sQ12	0.528"	085 4 018 sQ17	0.650" - 0.660"	085 4 018 sQ17	0.690" - 0.700"
250 MCM	085 4 015 sQ15	0.575"	085 4 018 sQ17	0.720" - 0.730"	085 4 018 sQ17	0.770" - 0.780"
350 MCM	085 4 018 sQ17	0.681"	085 4 022 sQ20	0.820" - 0.840"	085 4 022 sQ20	0.870" - 0.880"
400 MCM	085 4 018 sQ17	0.728"	085 4 022 sQ20	0.880"	085 4 022 sQ20	0.920" - 0.930"
500 MCM	085 4 022 sQ20	0.813"	085 4 028 sQ25	0.960" - 0.970"	085 4 028 sQ25	1.010" - 1.100"
750 MCM	085 4 028 sQ25	0.998"	085 4 031 sQ28	1.180"	085 4 031 sQ28	1.230"
1000 MCM	085 4 031 sQ28	1.152"	085 4 035 sQ32	1.330"	085 4 035 sQ32	1.380"

085 4 OXX = Part No. / sQXX = Type