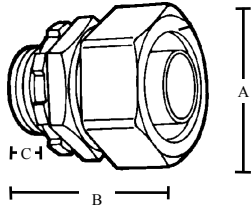
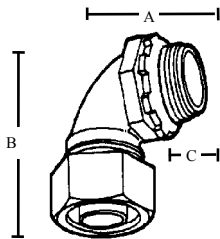


LIQUID TIGHT CONNECTORS

COMPONENT TYPE



CAT#	A	B	C
470/470i	1.446	1.260	.400
471/471i	1.500	1.385	.420
472/472i	1.603	1.720	.420
473/473i	1.792	1.900	.550
474/474i	1.900	2.290	.546
475/475i	1.737	2.633	.520
476/476i	2.080	3.156	.585
477	3.025	4.205	.775
478	3.530	4.910	.920
479	3.660	5.470	.920
480	3.875	5.925	.987



CAT#	A	B	C
490/490i	2.062	2.340	.52
491/491i	2.220	2.340	.52
492/492i	2.550	3.550	.68
493/493i	2.820	3.785	.67
494/494i	3.362	3.960	.70
495/495i	3.450	4.130	.70
496/496i	4.036	4.700	.57
497	5.215	5.375	.77
498	6.100	6.500	1.10
499	6.715	7.450	1.10
500	6.780	8.00	1.10

ZINC DIE CAST

TOPAZ CAT #	UPC#	CONDUIT SIZE	UNIT CTN	SHIP CASE	WT/ CASE
STRAIGHT					
470	14250	3/8" 1/2" KO	20	200	36
471	14260	1/2"	20	200	40
472	14270	3/4"	10	100	23
473	14280	1"	5	50	20
474	14290	1 1/4"	5	50	30
475	14300	1 1/2"	2	20	15
476	14310	2"	2	20	24
477*	14320	2 1/2"	—	1	1
478*	14330	3"	—	1	2
479*	14340	3 1/2"	—	1	3
480*	14350	4"	—	1	4

STRAIGHT WITH INSULATED THROAT

470i	14360	3/8" 1/2" KO	20	200	40
471i	14370	1/2"	20	200	34
472i	14380	3/4"	10	100	25
473i	14390	1"	5	50	22
474i	14400	1 1/4"	5	50	34
475i	14410	1 1/2"	2	20	18
476i	14420	2"	2	20	28

90° ANGLE

490	14610	3/8" 1/2" KO	10	100	27
491	14620	1/2"	10	100	28
492	14630	3/4"	10	100	38
493	14640	1"	5	50	32
494	14650	1 1/4"	2	20	20
495	14660	1 1/2"	2	20	26
496	14670	2"	1	10	19
497*	14680	2 1/2"	—	1	4
498*	14690	3"	—	1	5
499*	14700	3 1/2"	—	1	6
500*	14710	4"	—	1	7

90° ANGLE WITH INSULATED THROAT

490i	14720	3/8" 1/2" KO	10	100	30
491i	14730	1/2"	10	100	27
492i	14740	3/4"	10	100	39
493i	14750	1"	5	50	33
494i	14760	1 1/4"	2	20	21
495i	14770	1 1/2"	2	20	26
496i	14780	2"	1	10	20



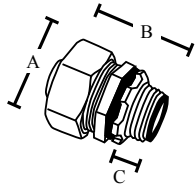
E148716



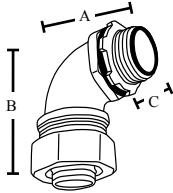
E148716



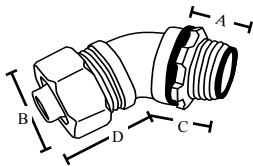
*2 1/2" - 4" Straight and 90° all insulated throat



CAT#	A	B	C
470S	1.38	.56	1.69
471S	1.38	.59	1.69
472S	1.64	.63	1.81
473S	1.91	.75	2.13
474S	2.44	.78	2.19
475S	2.72	.91	2.44
476S	3.25	1.00	2.88
477S	4.00	1.50	3.25
478S	4.63	1.50	3.88
479S	5.50	1.50	4.00
480S	5.82	1.63	4.00



CAT#	A	B	C
490S	1.31	1.81	.50
491S	1.41	1.88	.50
492S	1.63	2.06	.53
493S	2.06	2.25	.69
494S	2.13	2.75	.72
495S	2.69	3.13	.84
496S	2.94	3.88	.94
497S	6.00	6.50	1.50
498S	6.50	7.00	1.50
500S	9.00	9.50	1.50



CAT#	A	B	C	D
230S	.50	1.38	1.38	1.00
231S	.50	1.38	1.38	1.06
232S	.53	1.64	1.50	1.19
233S	.69	1.91	1.69	1.38
234S	.72	2.44	1.94	1.63
235S	.84	2.72	2.25	1.81
236S	.94	3.25	2.75	1.94
237S	1.50	4.00	4.00	3.50
238S	1.50	4.63	4.50	4.00
239S	1.63	5.81	5.00	4.50
240S	1.63	5.81	5.00	4.50

LIQUID TIGHT CONNECTORS

INSULATED THROAT-COMPONENT TYPE

MALLEABLE IRON

TOPAZ CAT #	UPC#	CONDUIT SIZE	UNIT CTN	SHIP CASE	WT/ CASE
STRAIGHT					
470S	14430	3/8" 1/2" KO	25	250	25
471S	14440	1/2"	20	200	26
472S	14450	3/4"	10	100	18
473S	14460	1"	5	50	16
474S	33620	1 1/4"	5	50	37
475S	33630	1 1/2"	2	20	21
476S	33640	2"	2	20	33
477S	33650	2 1/2"	—	1	3
478S	33660	3"	—	1	4
479S	33670	3 1/2"	—	1	4
480S	33680	4"	—	1	5



E148716

90° ANGLE

490S	14790	3/8" 1/2" KO	10	100	26
491S	14800	1/2"	10	100	26
492S	14810	3/4"	10	100	24
493S	14820	1"	5	50	34
494S	33690	1 1/4"	2	20	24
495S	33700	1 1/2"	2	20	40
496S	33710	2"	1	20	28
497S	33720	2 1/2"	—	1	7
498S	33730	3"	—	1	11
500S	33750	4"	—	1	10



E148716

45° ANGLE

230S	11960	3/8" 1/2" KO	10	100	24
231S	11970	1/2"	10	100	28
232S	11980	3/4"	10	100	42
233S	11990	1"	5	50	32
234S	33550	1 1/4"	2	20	22
235S	33560	1 1/2"	2	20	32
236S	33570	2"	2	20	49
237S	33580	2 1/2"	—	1	5
238S	33590	3"	—	1	7
239S	33591	3 1/2"	—	1	10
240S	33610	4"	—	1	12



E148716

UL rated suitable for hazardous locations.

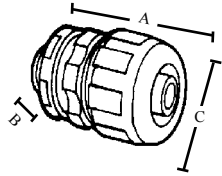
Class I, Div. 2; Class II, Div. 1 and 2; Class III, Div. 1 and 2;
NEC 501-4(b), 502-4(a) (2), 503-3(a)

LIQUID TIGHT CONNECTORS

COMPONENT TYPE FOR FLEXIBLE
NONMETALLIC LIQUID TIGHT TUBING

125°

6/6 NYLON



CAT#	A	B	C
P470/B	2.00	.44	1.09
P471/B	2.00	.44	1.09
P472/B	2.03	.46	1.30
P473/B	2.25	.57	1.50
P474/B	2.00	.57	2.40
P475/B	2.25	.57	2.68
P476/B	2.50	.57	3.31

TOPAZ CAT #	UPC#	CONDUIT SIZE	UNIT CTN	SHIP CASE	WT/ CASE
STRAIGHT - GRAY					
P470	21570	3/8" 1/2" KO	25	100	7
P471	21580	1/2"	25	100	6
P472	21590	3/4"	10	100	8
P473	21600	1"	5	50	12
P474	21602	1 1/4"	5	50	12
P475	21604	1 1/2"	5	20	14
P476	21606	2"	2	20	9



E148716

STRAIGHT - BLACK

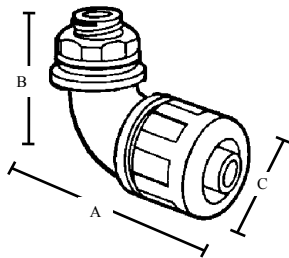
P470B	21610	3/8" 1/2" KO	25	100	7
P471B	21620	1/2"	25	100	6
P472B	21630	3/4"	10	100	8
P473B	21640	1"	5	50	12
P474B	21721	1 1/4"	5	50	12
P475B	21722	1 1/2"	5	50	14
P476B	21723	2"	2	20	9



E148716

90° ANGLE - GRAY

P490	21650	3/8" 1/2" KO	10	100	9
P491	21660	1/2"	10	100	8
P492	21670	3/4"	10	100	11
P493	21680	1"	5	50	8
P494	21681	1 1/4"	2	20	8
P495	21682	1 1/2"	2	20	10
P496	21683	2"	1	10	9



E148716

CAT#	A	B	C
P490/B	2.56	2.14	1.09
P491/B	2.56	2.14	1.09
P492/B	2.84	2.38	1.30
P493/B	2.25	2.81	1.50
P494/B	3.96	3.36	2.40
P495/B	4.13	3.45	2.68
P496/B	4.68	4.04	3.31

90° ANGLE - BLACK

P490B	21690	3/8" 1/2" KO	10	100	9
P491B	21700	1/2"	10	100	8
P492B	21710	3/4"	10	100	11
P493B	21720	1"	5	50	8
P494B	21724	1 1/4"	2	20	8
P495B	21725	1 1/2"	2	20	10
P496B	21726	2"	1	10	9



E148716

TOP-FLEX I CONDUIT



TRADE SIZE	PART DIMENSIONS (inches)				WALL THICKNESS
	OUTSIDE DIAMETER		INSIDE DIAMETER		
	MIN.	MAX.	MIN.	MAX.	
3/8	.690	.710	.484	.504	.21
1/2	.820	.840	.622	.642	.21
3/4	1.030	1.050	.820	.840	.21
1	1.290	1.315	1.041	1.066	.25
1 1/4	1.630	1.660	1.380	1.410	.25
1 1/2	1.865	1.900	1.575	1.600	.30
2	2.340	2.375	2.020	2.045	.33

						GREY
TOPAZ CAT #	UPC#	SIZE	UNIT CTN	SHIP CASE	WT/ CASE	
HF138	30000	3/8"	—	100'	10	
HF112	30010	1/2"	—	100'	13	
HF112R	30015	1/2"	REEL	1000'	130	
HF134	30020	3/4"	—	100'	18	
HF134R	30025	3/4"	REEL	800'	144	
HF11	30030	1"	—	100'	25	
HF11R	30031	1"	REEL	500'	160	
HF1114	30040	1 1/4"	—	100'	33	
HF1112	30050	1 1/2"	—	50'	23	
HF12	30060	2"	—	50'	30	



UL TYPE B FLEXIBLE NONMETALLIC LIQUID TIGHT CONDUIT

- 3/8" THRU 2" TRADE SIZES
- USE WITH TOP-FLEX NYLON CONNECTORS STRAIGHT OR RIGHT ANGLE
- MAY ALSO BE USED WITH TOPAZ DIE-CAST CONNECTORS FOR LIQUID TIGHT CONDUIT
- RESISTS CORROSION, ABRASION, OIL, WATER, ACID, METAL SHAVINGS, AND ROUGH ENVIRONMENTS
- RESISTS ABUSE, PULL, AND CRUSHING
- SMOOTH INSIDE FOR EASIER WIRE PULLING, NO HAZARDOUS SHARP EDGES OR BURRS; WILL NOT DAMAGE CONDUCTORS
- FOR DIRECT BURIAL/POURED CONCRETE
- LIGHTWEIGHT AND LOWER INSTALLED COST
- QUICK INSTALLATION, CUTS WITH UTILITY KNIFE OR PVC CUTTER (CATALOG #VF28)
- INTEGRAL RIGID AND FLEXIBLE PVC CONSTRUCTION
- SUITABLE FOR INDOOR/OUTDOOR USE: HVAC EQUIPMENT MACHINE TOOLS MOTORS AND CONTROLS MARINE EQUIPMENT PRINTING EQUIPMENT PUMPS REFRIGERATION EQUIPMENT
- UV RATED
- 80° C



TRADE SIZE	PART DIMENSIONS (inches)				WALL THICKNESS
	OUTSIDE DIAMETER		INSIDE DIAMETER		
	MIN.	MAX.	MIN.	MAX.	
1/4	.560	.575	.385	.405	.17
3/8	.690	.710	.484	.504	.21
1/2	.820	.840	.622	.642	.21
3/4	1.030	1.050	.820	.840	.21
1	1.290	1.315	1.041	1.066	.25
1 1/4	1.630	1.660	1.380	1.410	.25
1 1/2	1.865	1.900	1.575	1.600	.30
2	2.340	2.375	2.020	2.045	.33

TOP-FLEX II TUBING

						BLACK
TOPAZ CAT #	UPC#	SIZE	UNIT CTN	SHIP CASE	WT/ CASE	
STRAIGHT						
HF214	30065	1/4"	—	100'	4	
HF238	30070	3/8"	—	100'	6	
HF212	30080	1/2"	—	100'	8	
HF234	30090	3/4"	—	100'	10	
HF21	30100	1"	—	100'	15	
HF2114	23412	1 1/4"	—	100'	19	
HF2112	23415	1 1/2"	—	50'	22	
HF22	23416	2"	—	50'	60	

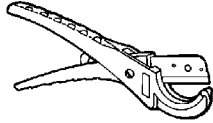


FLEXIBLE NONMETALLIC LIQUID ELECTRICAL TUBING

- 1/4" THRU 1" TRADE SIZES, CONSULT TOPAZ FOR 1 1/4", 1 1/2", AND 2" SIZES
- USE WITH TOP-FLEX NYLON CONNECTORS - STRAIGHT OR RIGHT ANGLE
- RESISTS CORROSION, OIL AND WATER
- MAXIMUM FLEXIBILITY, CAN BE USED IN EXTREMELY TIGHT QUARTERS
- SMOOTH INSIDE FOR EASIER WIRE PULLING
- LIGHTWEIGHT AND LOWER INSTALLED COST
- QUICK INSTALLATION, CUTS WITH UTILITY KNIFE OR PVC CUTTER (CATALOG #VF28)
- INTEGRAL RIGID AND FLEXIBLE PVC CONSTRUCTION
- IDEAL FOR FIBER OPTIC CABLE PROTECTION
- SUITABLE FOR USE IN HIGH VIBRATION OR FLEXIBLE APPLICATIONS: AUTOMOTIVE EQUIPMENT COMPUTERS AND PERIPHERALS FIBER OPTICS LAB EQUIPMENT LASERS OFFICE EQUIPMENT PROCESSING CONTROLS AND MONITORING EQUIPMENT ROBOTICS
- 70° C

CUTTING TOOL

- FOR TOP-FLEX I CONDUIT AND TOP-FLEX II TUBING
- CUTS CLEANLY AND EVENLY
- CUTS UP TO 1 1/4" PVC



TOPAZ CAT #	UPC#	UNIT CTN	SHIP CASE	WT/ CASE
VF28	30105	1	1	0.4



FLEXIBLE LIQUID TIGHT METALLIC CONDUIT

- CORROSION RESISTANT STEEL CORE FOR LASTING MECHANICAL PROTECTION
- COIL

EF PVC JACKET, STEEL CORE

PART DIMENSIONS (inches)		
CAT #	INSIDE DIAMETER	OUTSIDE DIAMETER
6100	.0504	.709
6101	.642	.839
6102	.835	1.051
6103	1.055	1.315
6104	1.394	1.661
6105	1.598	1.902
6106	2.043	2.374
6107	2.504	2.874
6108	3.102	3.500
6109	3.540	4.000
6110	4.039	4.500

TOPAZ CAT #	UPC#	SIZE	FEET COIL	UNIT CTN	SHIP CASE	WT/ CASE
6100	80414	3/8"	100'	—	100	16
6101	80415	1/2"	100'	—	100	26
6102	80417	3/4"	100'	—	100	31
6103	80419	1"	100'	—	100	44
6104	80421	1-1/4"	50'	—	50	46
6105	80423	1-1/2"	50'	—	50	35
6106	80425	2"	25'	—	25	22
6107	80427	2-1/2"	25'	—	25	42
6108	80429	3"	25'	—	25	53
6109	80430	3-1/2"	25'	—	25	55
6110	80431	4"	25'	—	25	57



FLEXIBLE LIQUID TIGHT METALLIC CONDUIT

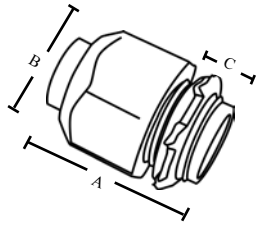
- CORROSION RESISTANT STEEL CORE FOR LASTING MECHANICAL PROTECTION
- REEL

PART DIMENSIONS (inches)		
CAT #	INSIDE DIAMETER	OUTSIDE DIAMETER
6100R	.0504	.709
6101R	.642	.839
6102R	.835	1.051
6103R	1.055	1.315
6104R	1.394	1.661
6105R/R150	1.598	2.374
6106R	2.043	2.874

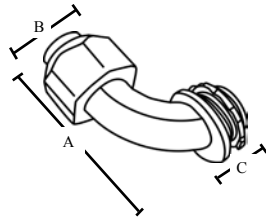
EF PVC JACKET, STEEL CORE

TOPAZ CAT #	UPC#	SIZE	FEET REEL	UNIT CTN	SHIP CASE	WT/ CASE
6100R	85588	3/8"	1000	—	1000	182
6101R	82021	1/2"	1000	—	1000	296
6102R	85247	3/4"	500	—	500	148
6103R	85248	1"	200	—	200	96
6104R	85249	1-1/4"	200	—	200	192
6105R	85250	1-1/2"	100	—	100	79
6105R150	85527	1-1/2"	150	—	150	120
6106R	85251	2"	100	—	100	96

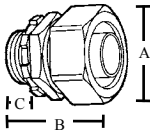




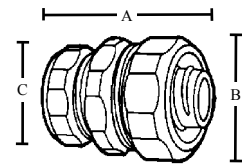
CAT#	A	B	C
1501	1.750	.500	1.250
1502	1.800	.625	1.500



CAT#	A	B	C
1521	1.875	.500	3.125
1522	2.375	.625	3.500



CAT#	A	B	C
470ST	1.09	1.19	.63
471ST	1.19	1.34	.63
472ST	1.43	1.43	.63
473ST	1.75	1.63	.66
474ST	2.16	1.84	.67
475ST	2.38	2.00	.72
476ST	2.88	2.13	.72



CAT#	A	B	C
271	1.64	1.39	1.09
272	1.75	1.72	1.30
273	2.00	1.75	1.50

LIQUID TIGHT CONNECTORS

ONE PIECE TYPE

TOPAZ CAT #	UPC#	SIZE	UNIT CTN	SHIP CASE	PVC WT/ CASE
-------------	------	------	----------	-----------	--------------

STRAIGHT - GRAY

1501	83022	1/2"	25	100	20
1502	83023	3/4"	25	100	28



90° ANGLE - GRAY

1521	83024	1/2"	10	100	28
1522	83025	3/4"	10	100	30

STEEL

470ST	14439	3/8" 1/2" KO	20	200	26
471ST	14441	1/2"	20	200	26
472ST	14451	3/4"	10	100	18
473ST	14461	1"	5	50	16
474ST	14471	1 1/4"	5	50	37
475ST	14481	1 1/2"	2	20	21
476ST	14491	2"	2	20	3



E148716

COMBINATION COUPLINGS

EMT TO LIQUID TIGHT

- COMPRESSION TYPE
- FOR USE WITH METALLIC AND NONMETALLIC CONDUIT

STEEL

TOPAZ CAT #	UPC#	SIZE	UNIT CTN	SHIP CASE	WT/ CASE
271	12260	1/2" - 1/2"	25	250	20
272	12270	3/4" - 3/4"	20	200	14
273	12280	1" - 1"	10	100	16

