

# airtec

## blue C-line

One-Touch Fitting Program, Accessories,  
Tubes And Hose Reels



Air. Pressure. Motion.

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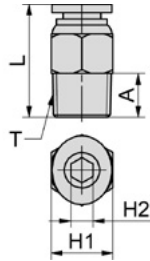
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# One-Touch Fittings

## Standard-system

### 44-APC

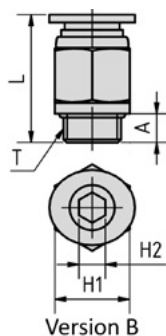
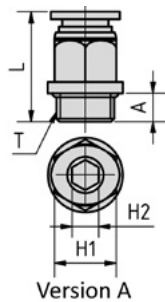
Male straight  
BSPT male thread, PTFE coated



Model-no.	T	øD	L	A	H1	H2
44-APC-184	R1/8	4	20,5	8	10	3
44-APC-186	R1/8	6	21,3	8	12	4
44-APC-188	R1/8	8	26	8	14	5
44-APC-1810	R1/8	10	30	8	17	5
44-APC-144	R1/4	4	19	10	14	3
44-APC-146	R1/4	6	23	10	14	4
44-APC-148	R1/4	8	25	10	14	5
44-APC-1410	R1/4	10	31,5	10	17	6
44-APC-1412	R1/4	12	32,8	10	21	6
44-APC-386	R3/8	6	21	11	17	4
44-APC-388	R3/8	8	22	11	17	6
44-APC-3810	R3/8	10	29	11	17	8
44-APC-3812	R3/8	12	30,6	11	21	8
44-APC-3816	R3/8	16	36,5	11	24	8
44-APC-128	R1/2	8	26	14	21	5
44-APC-1210	R1/2	10	27	14	21	8
44-APC-1212	R1/2	12	31,6	14	21	8
44-APC-1216	R1/2	16	36,5	14	24	10

### 44-APC-G

Male straight  
male thread with O-ring

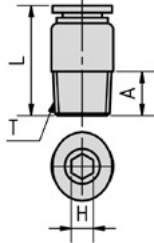


Model-no.	T	øD	L	A	H1	H2	øP	Ver.
44-APC-M54	M5	4	20,5	3,5	10	-	-	B
44-APC-M56	M5	6	21	3,5	12	-	-	B
44-APC-184-G	G1/8	4	20,5	5,5	12	3	14	A
44-APC-186-G	G1/8	6	22	5,5	13	4	14	A
44-APC-188-G	G1/8	8	25	5,5	14	5	-	B
44-APC-1810-G	G1/8	10	28	5,5	17	5	-	B
44-APC-144-G	G1/4	4	20	6,5	12	3	17	A
44-APC-146-G	G1/4	6	22	6,5	14	4	17	A
44-APC-148-G	G1/4	8	25	6,5	14	6	17	A
44-APC-1410-G	G1/4	10	29	6,5	17	6	-	B
44-APC-1412-G	G1/4	12	32	6,5	21	6	-	B
44-APC-386-G	G3/8	6	19,5	6,5	14	4	20	A
44-APC-388-G	G3/8	8	23	6,5	17	6	20	A
44-APC-3810-G	G3/8	10	25,5	6,5	20	8	-	B
44-APC-3812-G	G3/8	12	28	6,5	21	8	-	B
44-APC-3816-G	G3/8	16	34,5	7,5	24	8	24	A
44-APC-128-G	G1/2	8	25	10	17	6	24	A
44-APC-1210-G	G1/2	10	29,5	10	20	8	24	A
44-APC-1212-G	G1/2	12	31	10	21	8	24	A
44-APC-1216-G	G1/2	16	37	10	24	10	24	A

### 44-APOC

#### Male straight

with inside hexagon, BSPT male thread, PTFE coated

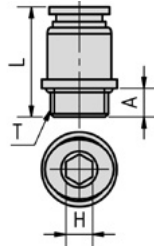


Model-no.	T	øD	L	A	H
44-APOC-184	R1/8	4	20,5	8	3
44-APOC-186	R1/8	6	21	8	4
44-APOC-188	R1/8	8	25,7	8	5
44-APOC-1810	R1/8	10	30	8	5
44-APOC-144	R1/4	4	19	10	3
44-APOC-146	R1/4	6	23	10	4
44-APOC-148	R1/4	8	25	10	5
44-APOC-1410	R1/4	10	31,5	10	6
44-APOC-1412	R1/4	12	33	10	6
44-APOC-386	R3/8	6	20,7	11	4
44-APOC-388	R3/8	8	22	11	5
44-APOC-3810	R3/8	10	29	11	8
44-APOC-3812	R3/8	12	30,6	11	8
44-APOC-3816	R3/8	16	36,5	11	8
44-APOC-128	R1/2	8	26	14	6
44-APOC-1210	R1/2	10	26,7	14	8
44-APOC-1212	R1/2	12	32,8	14	8
44-APOC-1216	R1/2	16	36,7	14	10

### 44-APOC-G

#### Male straight

with inside hexagon, male thread with O-ring



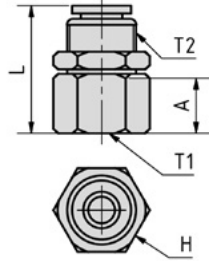
Model-no.	T	øD	L	A	H	øP
44-APOC-M54	M5	4	20,5	3,5	2	10
44-APOC-M56	M5	6	21	3,5	2	12
44-APOC-184-G	G1/8	4	20,5	5,5	3	10,5
44-APOC-186-G	G1/8	6	22	5,5	4	12,5
44-APOC-188-G	G1/8	8	25	5,5	5	14
44-APOC-1810-G	G1/8	10	29	5,5	5	17
44-APOC-144-G	G1/4	4	20	6,5	3	10,5
44-APOC-146-G	G1/4	6	22	6,5	4	12,5
44-APOC-148-G	G1/4	8	25	6,5	6	14,5
44-APOC-1410-G	G1/4	10	29	6,5	6	17
44-APOC-1412-G	G1/4	12	32	6,5	6	20,5
44-APOC-386-G	G3/8	6	19,5	6,5	4	12,5
44-APOC-388-G	G3/8	8	23	6,5	6	14,5
44-APOC-3810-G	G3/8	10	26,5	6,5	8	17,5
44-APOC-3812-G	G3/8	12	28	6,5	8	20,5
44-APOC-3816-G	G3/8	16	34,5	6,5	8	24
44-APOC-128-G	G1/2	8	25	10	6	14,5
44-APOC-1210-G	G1/2	10	29,5	10	8	17,5
44-APOC-1212-G	G1/2	12	31	10	8	20,5
44-APOC-1216-G	G1/2	16	34,5	10	10	24

# One-Touch Fittings

## Standard-system

### 44-APMF

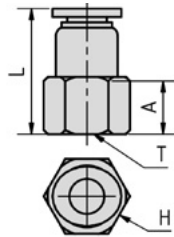
Bulk head  
female thread



Model-no.	T	øD	T2	L	A	H
44-APMF-184	G1/8	4	M12x1,0	24	14	14
44-APMF-186	G1/8	6	M14x1,0	25	17	17
44-APMF-188	G1/8	8	M16x1,0	26	19	19
44-APMF-1810	G1/8	10	M20x1,0	30,5	24	24
44-APMF-144	G1/4	4	M12x1,0	26,5	17	14
44-APMF-146	G1/4	6	M14x1,0	27	17	17
44-APMF-148	G1/4	8	M16x1,0	29	19	19
44-APMF-1410	G1/4	10	M20x1,0	33	24	24
44-APMF-1412	G1/4	12	M22x1,0	34	27	27
44-APMF-386	G3/8	6	M14x1,0	28	19	17
44-APMF-388	G3/8	8	M16x1,0	29,5	19	19
44-APMF-3810	G3/8	10	M20x1,0	34	24	24
44-APMF-3812	G3/8	12	M22x1,0	34	27	27
44-APMF-128	G1/2	8	M16x1,0	31,5	24	19
44-APMF-1210	G1/2	10	M20x1,0	37	24	24
44-APMF-1212	G1/2	12	M22x1,0	36	27	27

### 44-APCF

Female straight  
female thread



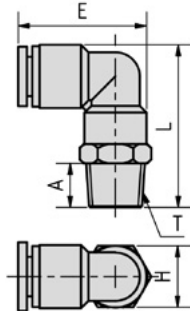
Model-no.	T	øD	L	A	H
44-APCF-M54	M5	4	21	5	10
44-APCF-M56	M5	6	20,5	5	12
44-APCF-184	G1/8	4	23,5	8,5	14
44-APCF-186	G1/8	6	25	8,5	14
44-APCF-188	G1/8	8	26	8,5	14
44-APCF-1810	G1/8	10	30	8,5	17
44-APCF-144	G1/4	4	26,5	10	17
44-APCF-146	G1/4	6	27	10	17
44-APCF-148	G1/4	8	28,5	10	17
44-APCF-1410	G1/4	10	32	11	17
44-APCF-1412	G1/4	12	35	11	21
44-APCF-386	G3/8	6	28	12	20
44-APCF-388	G3/8	8	30	12	20
44-APCF-3810	G3/8	10	33	12	20
44-APCF-3812	G3/8	12	35	12	21
44-APCF-3816	G3/8	16	36,5	11	24
44-APCF-128	G1/2	8	32	13	24
44-APCF-1210	G1/2	10	35	13	24
44-APCF-1212	G1/2	12	37,5	14	24
44-APCF-1216	G1/2	16	38,5	13	24



### 44-APL

### Elbow

rotatable, BSPT male thread, PTFE coated

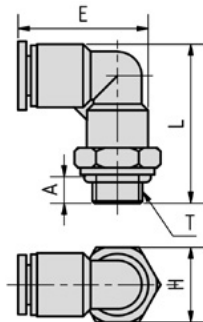


Model-no.	T	øD	E	L	A	H
44-APL-184	R1/8	4	23,5	30,3	8	10
44-APL-186	R1/8	6	24	31,5	8	12
44-APL-188	R1/8	8	29	35	8	14
44-APL-1810	R1/8	10	36,5	41,8	8	17
44-APL-144	R1/4	4	23,5	32,7	10	14
44-APL-146	R1/4	6	24,5	33,9	10	14
44-APL-148	R1/4	8	29	37	10	14
44-APL-1410	R1/4	10	36,5	43,8	10	17
44-APL-1412	R1/4	12	39	46,3	10	19
44-APL-386	R3/8	6	24	35,2	11	17
44-APL-388	R3/8	8	29	38,3	11	17
44-APL-3810	R3/8	10	36,5	44,8	11	17
44-APL-3812	R3/8	12	39	48,3	11	17
44-APL-3816	R3/8	16	41	51,7	11	19
44-APL-128	R1/2	8	29,5	41,8	14	21
44-APL-1210	R1/2	10	36,5	48,3	14	21
44-APL-1212	R1/2	12	37,5	50,8	14	21
44-APL-1216	R1/2	16	41	54,2	14	21

### 44-APL-G

### Elbow

rotatable, male thread with O-ring



Model-no.	T	øD	E	L	A	H
44-APL-M54	M5	4	23,5	26,5	4	10
44-APL-M56	M5	6	24	28,2	4	12
44-APL-184-G	G1/8	4	23	29,5	5,5	14
44-APL-186-G	G1/8	6	24,5	30,5	5,5	14
44-APL-188-G	G1/8	8	29,5	34,5	5,5	14
44-APL-1810-G	G1/8	10	37	41,5	5,5	17
44-APL-144-G	G1/4	4	23	30,5	6,5	17
44-APL-146-G	G1/4	6	24,5	32,5	6,5	17
44-APL-148-G	G1/4	8	29,5	35,5	6,5	17
44-APL-1410-G	G1/4	10	37	42,5	6,5	17
44-APL-1412-G	G1/4	12	39	45	6,5	19
44-APL-386-G	G3/8	6	24,5	34,5	6,5	20
44-APL-388-G	G3/8	8	29,5	35,5	6,5	20
44-APL-3810-G	G3/8	10	37	42,5	6,5	20
44-APL-3812-G	G3/8	12	39	45	6,5	20
44-APL-3816-G	G3/8	16	41	48,5	6,5	20
44-APL-128-G	G1/2	8	29,5	39,5	10	24
44-APL-1210-G	G1/2	10	37	46	10	24
44-APL-1212-G	G1/2	12	39	48,5	10	24
44-APL-1216-G	G1/2	16	41	53	10	24

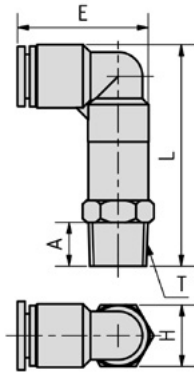
# One-Touch Fittings

## Standard-system

44-APLL

Elbow

rotatable, long version, BSPT male thread, PTFE coated

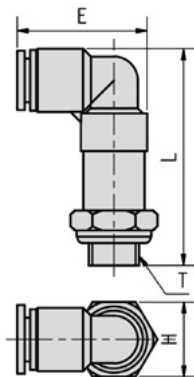


Model-no.	T	øD	E	L	A	H
44-APLL-184	R1/8	4	23,5	40,3	8	10
44-APLL-186	R1/8	6	25	43,5	8	12
44-APLL-188	R1/8	8	30	49	8	14
44-APLL-1810	R1/8	10	36	52,5	8	17
44-APLL-144	R1/4	4	23,5	44	10	14
44-APLL-146	R1/4	6	25	45,9	10	14
44-APLL-148	R1/4	8	30	51	10	14
44-APLL-1410	R1/4	10	36	60,8	10	17
44-APLL-1412	R1/4	12	38,5	70	10	19
44-APLL-386	R3/8	6	25	47,2	11	17
44-APLL-388	R3/8	8	30	52,3	11	17
44-APLL-3810	R3/8	10	36	61,8	11	17
44-APLL-3812	R3/8	12	38,5	68,3	11	19
44-APLL-128	R1/2	8	30	55,8	14	21
44-APLL-1210	R1/2	10	36	65,3	14	21
44-APLL-1212	R1/2	12	38,5	68	14	21

44-APLL-G

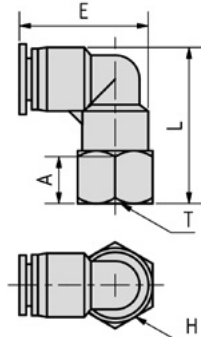
Elbow

rotatable, long version, male thread with O-ring



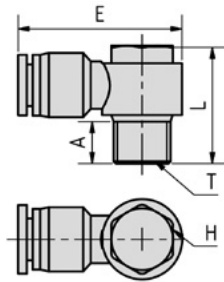
Model-no.	T	øD	E	L	A	H
44-APLL-M54	M5	4	23,5	37	4	10
44-APLL-M56	M5	6	25	41,2	4	12
44-APLL-184-G	G1/8	4	23,5	38,5	5,5	14
44-APLL-186-G	G1/8	6	25	42	5,5	14
44-APLL-188-G	G1/8	8	30	48	5,5	14
44-APLL-1810-G	G1/8	10	36	58	5,5	17
44-APLL-144-G	G1/4	4	23,5	40,5	6,5	17
44-APLL-146-G	G1/4	6	25	43	6,5	17
44-APLL-148-G	G1/4	8	30	49	6,5	17
44-APLL-1410-G	G1/4	10	36	59	6,5	17
44-APLL-1412-G	G1/4	12	38,5	65	6,5	19
44-APLL-386-G	G3/8	6	25	43	6,5	20
44-APLL-388-G	G3/8	8	30	49	6,5	20
44-APLL-3810-G	G3/8	10	36	59	6,5	20
44-APLL-3812-G	G3/8	12	38,5	65	6,5	20
44-APLL-128-G	G1/2	8	30	52,5	10	24
44-APLL-1210-G	G1/2	10	36	62,5	10	24
44-APLL-1212-G	G1/2	12	38,5	68,5	10	24

### 44-APLF Female elbow rotatable, female thread



Model-no.	T	øD	E	L	A	H
44-APLF-M54	M5	4	23,5	24,5	5,5	10
44-APLF-M56	M5	6	25	25,5	5,5	10
44-APLF-184	G1/8	4	23,5	28,5	8	14
44-APLF-186	G1/8	6	25	29,5	8	14
44-APLF-188	G1/8	8	29,5	33	8	14
44-APLF-1810	G1/8	10	36	34,5	8	17
44-APLF-144	G1/4	4	23,5	31	11	17
44-APLF-146	G1/4	6	25	32	10	17
44-APLF-148	G1/4	8	29,5	35,5	10	17
44-APLF-1410	G1/4	10	36	41	10	17
44-APLF-1412	G1/4	12	38,5	44,5	10	19
44-APLF-386	G3/8	6	25	33,5	11	21
44-APLF-388	G3/8	8	29,5	37	11	21
44-APLF-3810	G3/8	10	36	43	11	21
44-APLF-3812	G3/8	12	39,5	45	11	21
44-APLF-128	G1/2	8	29,5	40	14	24
44-APLF-1210	G1/2	10	36	46	14	24
44-APLF-1212	G1/2	12	37,5	49	14	24

### 44-APH Male banjo elbow rotatable, BSPT male thread, PTFE coated

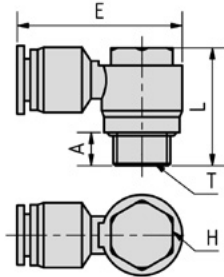


Model-no.	T	øD	E	L	A	H
44-APH-184	R1/8	4	29	23,5	7	12
44-APH-186	R1/8	6	30	24	7	12
44-APH-188	R1/8	8	32	24	7	12
44-APH-1810	R1/8	10	37,5	24	7	12
44-APH-144	R1/4	4	33	26,5	9,5	14
44-APH-146	R1/4	6	34	26,5	9,5	14
44-APH-148	R1/4	8	37	26,5	9,5	14
44-APH-1410	R1/4	10	41	26,5	9,5	14
44-APH-1412	R1/4	12	42,5	26,5	9,5	14
44-APH-386	R3/8	6	38	32	10,5	19
44-APH-388	R3/8	8	40	32	10,5	19
44-APH-3810	R3/8	10	42	32	10,5	19
44-APH-3812	R3/8	12	46	32	10,5	19
44-APH-128	R1/2	8	46	39,1	14	24
44-APH-1210	R1/2	10	50	39,1	14	24
44-APH-1212	R1/2	12	50	39,1	14	24

### 44-APH-G

#### Male banjo elbow

rotatable, male thread with O-ring

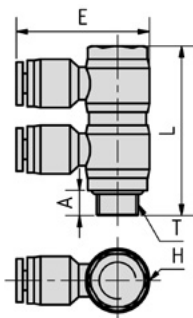


Model-no.	T	øD	E	L	A	H
44-APH-M54	M5	4	25	17,5	4	8
44-APH-M56	M5	6	26,5	17,5	4	8
44-APH-184-G	G1/8	4	29,5	23,6	5	12
44-APH-186-G	G1/8	6	30	23,6	5	12
44-APH-188-G	G1/8	8	32,5	23,6	5	12
44-APH-1810-G	G1/8	10	37	23,6	5	12
44-APH-144-G	G1/4	4	33	26,8	7,5	14
44-APH-146-G	G1/4	6	34	26,8	7,5	14
44-APH-148-G	G1/4	8	37,5	26,8	7,5	14
44-APH-1410-G	G1/4	10	41	26,8	7,5	14
44-APH-1412-G	G1/4	12	42,5	26,8	7,5	14
44-APH-386-G	G3/8	6	37,5	32	8	19
44-APH-388-G	G3/8	8	40	32	8	19
44-APH-3810-G	G3/8	10	44	32	8	19
44-APH-3812-G	G3/8	12	46	32	8	19
44-APH-128-G	G1/2	8	46	39	10	24
44-APH-1210-G	G1/2	10	49,5	39	10	24
44-APH-1212-G	G1/2	12	50	39	10	24

### 44-XPB-2-G

#### Male banjo elbow, double

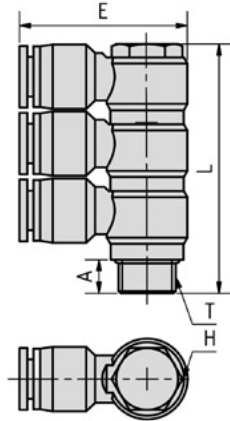
rotatable, male thread with O-ring



Model-no.	T	øD	E	L	A	H
44-XPB-2-184-G	G1/8	4	29,2	38	5,5	12
44-XPB-2-186-G	G1/8	6	30	38	5,5	12
44-XPB-2-188-G	G1/8	8	32,5	38	5,5	12
44-XPB-2-1810-G	G1/8	10	37,3	42,5	5,5	12
44-XPB-2-144-G	G1/4	4	33	41,5	7,5	14
44-XPB-2-146-G	G1/4	6	34,1	41,5	7,5	14
44-XPB-2-148-G	G1/4	8	37,8	41,5	7,5	14
44-XPB-2-1410-G	G1/4	10	41,3	44,8	7,5	14
44-XPB-2-1412-G	G1/4	12	42	47,7	7,5	14
44-XPB-2-386-G	G3/8	6	37	53	7,5	19
44-XPB-2-388-G	G3/8	8	40,3	49,5	7,5	19
44-XPB-2-3810-G	G3/8	10	44,8	49,5	7,5	19
44-XPB-2-3812-G	G3/8	12	46	54,5	7,5	19
44-XPB-2-128-G	G1/2	8	46,1	57	10	24
44-XPB-2-1210-G	G1/2	10	50	60	10	24
44-XPB-2-1212-G	G1/2	12	50,3	60,5	10	24

### 44-XPB-3-G

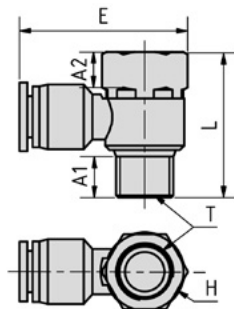
Male banjo elbow, triple  
rotatable, male thread with O-ring



Model-no.	T	øD	E	L	A	H
44-XPB-3-184-G	G1/8	4	29,1	53	5,5	12
44-XPB-3-186-G	G1/8	6	37,1	53	5,5	12
44-XPB-3-188-G	G1/8	8	37,1	53	5,5	12
44-XPB-3-1810-G	G1/8	10	36,2	61,5	5,5	12
44-XPB-3-144-G	G1/4	4	33,4	56,5	7,5	14
44-XPB-3-146-G	G1/4	6	34,2	56,5	7,5	14
44-XPB-3-148-G	G1/4	8	37,6	56,5	7,5	14
44-XPB-3-1410-G	G1/4	10	41,5	69,5	7,5	14
44-XPB-3-1412-G	G1/4	12	42,1	69,5	7,5	14
44-XPB-3-386-G	G3/8	6	37,3	64,5	7,5	19
44-XPB-3-388-G	G3/8	8	39,8	64,5	7,5	19
44-XPB-3-3810-G	G3/8	10	44,5	75,5	7,5	19
44-XPB-3-3812-G	G3/8	12	45,7	75,5	7,5	19
44-XPB-3-128-G	G1/2	8	46,1	82	10	24
44-XPB-3-1210-G	G1/2	10	46,1	82	10	24
44-XPB-3-1212-G	G1/2	12	50,3	82	10	24

### 44-APHF

Banjo elbow  
rotatable, male and female BSPT male thread, male thread PTFE coated



Model-no.	T	øD	E	L	A1	A2	H
44-APHF-M54	M5	4	25	20	4	5	8
44-APHF-M56	M5	6	26,5	20	4	5	8
44-APHF-184	R1/8	4	29,5	28	7,5	6,5	14
44-APHF-186	R1/8	6	30	28	7,5	6,5	14
44-APHF-188	R1/8	8	32,5	28	7,5	6,5	14
44-APHF-1810	R1/8	10	37	28	7,5	6,5	14
44-APHF-144	R1/4	4	33	33	9,5	8,5	17
44-APHF-146	R1/4	6	34	33	9,5	8,5	17
44-APHF-148	R1/4	8	37,5	33	9,5	8,5	17
44-APHF-1410	R1/4	10	41	33	9,5	8,5	17
44-APHF-1412	R1/4	12	42,5	33	9,5	8,5	17
44-APHF-386	R3/8	6	38	38,9	10,5	9,5	21
44-APHF-388	R3/8	8	40	38,9	10,5	9,5	21
44-APHF-3810	R3/8	10	42	38,9	10,5	9,5	21
44-APHF-3812	R3/8	12	46	38,9	10,5	9,5	21
44-APHF-128	R1/2	8	46	46,6	14	11,5	24
44-APHF-1210	R1/2	10	49,5	46,6	14	11,5	24
44-APHF-1212	R1/2	12	50	46,6	14	11,5	24



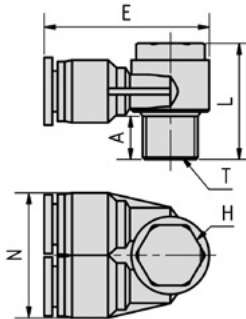
# One-Touch Fittings

## Standard-system

### 44-APA

### Male Y

rotatable, BSPT male thread, PTFE coated

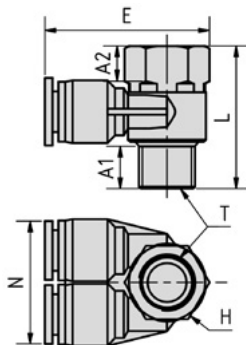


Model-no.	T	øD	E	L	N	A	H
44-APA-M54	M5	4	27	18,2	22	4	8
44-APA-186	R1/8	6	31	25	25,6	8	12
44-APA-148	R1/4	8	37,5	28,8	28,8	10	15
44-APA-1410	R1/4	10	40,4	28,8	36,4	10	15
44-APA-3810	R3/8	10	44,4	32,7	36,4	11	19
44-APA-3812	R3/8	12	45,4	32,7	42	11	19
44-APA-1212	R1/2	12	51,2	39,4	42	14	24

### 44-APAF

### Male/Female Y

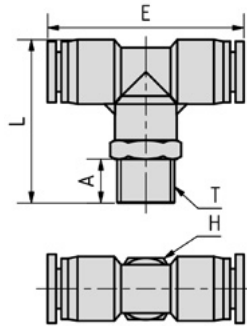
rotatable, male and female BSPT male thread, male thread PTFE coated



Model-no.	T	øD	E	L	N	A1	A2	H
44-APAF-M54	M5	4	25,1	20	21	3,6	7	8
44-APAF-186	R1/8	6	31,2	30,2	25	8	8	14
44-APAF-148	R1/4	8	36,8	35,5	29,6	10	10	17
44-APAF-1410	R1/4	10	38,8	35,5	35	10	10	17
44-APAF-3810	R3/8	10	42,2	41,2	35	11	11	21
44-APAF-3812	R3/8	12	45,9	41,2	41	11	11	21
44-APAF-1212	R1/2	12	50,1	50	41	14	14	24

### 44-APT

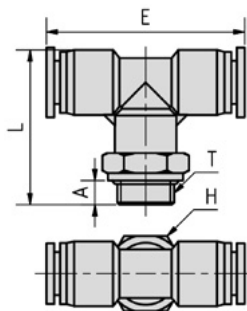
Male straight, union T  
rotatable, BSPT male thread, PTFE coated



Model-no.	T	øD	E	L	A	H
44-APT-184	R1/8	4	37	29,9	8	10
44-APT-186	R1/8	6	38	31,5	8	12
44-APT-188	R1/8	8	44,5	35	8	14
44-APT-1810	R1/8	10	56,5	42,2	8	17
44-APT-144	R1/4	4	37	32	10	14
44-APT-146	R1/4	6	38	34	10	14
44-APT-148	R1/4	8	44,5	37	10	14
44-APT-1410	R1/4	10	56,5	44,5	10	17
44-APT-1412	R1/4	12	58	46,3	10	19
44-APT-386	R3/8	6	38	35,6	11	17
44-APT-388	R3/8	8	44,5	38,6	11	17
44-APT-3810	R3/8	10	56,5	45,5	11	17
44-APT-3812	R3/8	12	58	48,3	11	19
44-APT-3816	R3/8	16	61,5	55,7	11	19
44-APT-128	R1/2	8	44,5	42,9	14	21
44-APT-1210	R1/2	10	56,5	48,9	14	21
44-APT-1212	R1/2	12	58	50,5	14	21
44-APT-1216	R1/2	16	61,5	58,5	14	21

### 44-APT-G

Male straight, union T  
rotatable, male thread with O-ring



Model-no.	T	øD	E	L	A	H
44-APT-M54	M5	4	37	26,3	4	10
44-APT-M56	M5	6	38	28,4	4	12
44-APT-184-G	G1/8	4	36	30	5,5	14
44-APT-186-G	G1/8	6	38,5	31,5	5,5	14
44-APT-188-G	G1/8	8	44,5	34	5,5	14
44-APT-1810-G	G1/8	10	56	42	5,5	17
44-APT-144-G	G1/4	4	36	31	6,5	17
44-APT-146-G	G1/4	6	38,5	32,5	6,5	17
44-APT-148-G	G1/4	8	44,5	35	6,5	17
44-APT-1410-G	G1/4	10	56	43	6,5	17
44-APT-1412-G	G1/4	12	58,5	45	6,5	17
44-APT-386-G	G3/8	6	37,5	32,5	6,5	20
44-APT-388-G	G3/8	8	44,5	36	6,5	20
44-APT-3810-G	G3/8	10	56	43	6,5	20
44-APT-3812-G	G3/8	12	58,5	46	6,5	20
44-APT-3816-G	G3/8	16	61,5	52,5	6,5	20
44-APT-128-G	G1/2	8	44,5	39,5	10	24
44-APT-1210-G	G1/2	10	56	46,5	10	24
44-APT-1212-G	G1/2	12	58,5	48,5	10	24
44-APT-1216-G	G1/2	16	61,5	56,5	10	24

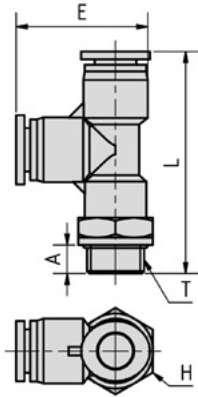
# One-Touch Fittings

## Standard-system

### 44-APST

#### Male run T

rotatable, BSPT male thread, PTFE coated

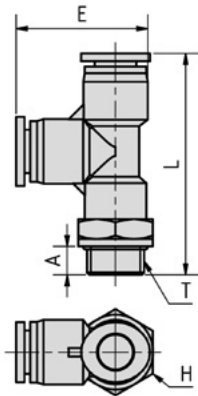


Model-no.	T	øD	E	L	A	H
44-APST-184	R1/8	4	24	43	8	10
44-APST-186	R1/8	6	25,5	44	8	12
44-APST-188	R1/8	8	29,5	50,5	8	14
44-APST-1810	R1/8	10	38	62	8	17
44-APST-144	R1/4	4	24	45	10	14
44-APST-146	R1/4	6	25,5	46,5	10	14
44-APST-148	R1/4	8	29,5	52,5	10	14
44-APST-1410	R1/4	10	38	64	10	17
44-APST-1412	R1/4	12	40	65,5	10	17
44-APST-386	R3/8	6	25,5	47,5	11	17
44-APST-388	R3/8	8	29,5	53,5	11	17
44-APST-3810	R3/8	10	38	65	11	17
44-APST-3812	R3/8	12	40	66,5	11	17
44-APST-128	R1/2	8	29,5	56,5	14	21
44-APST-1210	R1/2	10	38	68	14	21
44-APST-1212	R1/2	12	40	69,5	14	21

### 44-APST-G

#### Male run T

rotatable, male thread with O-ring

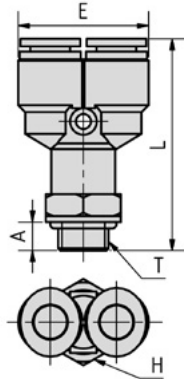


Model-no.	T	øD	E	L	A	H
44-APST-M54	M5	4	24	39	4	10
44-APST-M56	M5	6	25,5	41	4	12
44-APST-184-G	G1/8	4	23,5	42	6,5	14
44-APST-186-G	G1/8	6	25	43	5,5	14
44-APST-188-G	G1/8	8	29	49,5	5,5	14
44-APST-1810-G	G1/8	10	37	60,5	5,5	17
44-APST-144-G	G1/4	4	23,5	43	6,5	17
44-APST-146-G	G1/4	6	25	45	6,5	17
44-APST-148-G	G1/4	8	29	50,5	6,5	17
44-APST-1410-G	G1/4	10	37	61,5	6,5	17
44-APST-1412-G	G1/4	12	39,5	63	6,5	19
44-APST-386-G	G3/8	6	25,5	45	6,5	20
44-APST-388-G	G3/8	8	29	50,5	6,5	20
44-APST-3810-G	G3/8	10	37	61,5	6,5	20
44-APST-3812-G	G3/8	12	39,5	63	6,5	20
44-APST-128-G	G1/2	8	30	54	10	24
44-APST-1210-G	G1/2	10	37	65	10	24
44-APST-1212-G	G1/2	12	39,5	66,5	10	24

### 44-APWT

#### Male Y

rotatable, BSPT male thread, PTFE coated

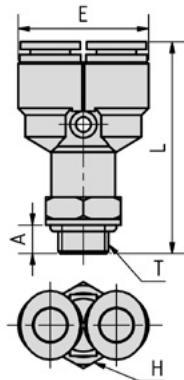


Model-no.	T	øD	E	L	A	H
44-APWT-184	R1/8	4	22	43	8	10
44-APWT-186	R1/8	6	26	45	8	12
44-APWT-188	R1/8	8	30	47	8	14
44-APWT-1810	R1/8	10	37	57	8	17
44-APWT-144	R1/4	4	22	45	10	14
44-APWT-146	R1/4	6	26	47	10	14
44-APWT-148	R1/4	8	30	49	10	14
44-APWT-1410	R1/4	10	37	59	10	17
44-APWT-1412	R1/4	12	42,5	62	10	19
44-APWT-386	R3/8	6	26	48	11	17
44-APWT-388	R3/8	8	30	50	11	17
44-APWT-3810	R3/8	10	37	60	11	17
44-APWT-3812	R3/8	12	42,5	63	11	19
44-APWT-3816	R3/8	16	51,5	65,5	11	19
44-APWT-128	R1/2	8	30	54	14	21
44-APWT-1210	R1/2	10	37	63	14	21
44-APWT-1212	R1/2	12	42,5	66	14	21
44-APWT-1216	R1/2	16	51,5	69	14	21

### 44-APWT-G

#### Male Y

rotatable, male thread with O-ring

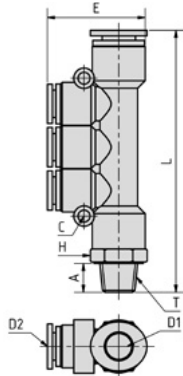


Model-no.	T	øD	E	L	A	H
44-APWT-M54	M5	4	22	39	4	10
44-APWT-M56	M5	6	26	41	4	12
44-APWT-184-G	G1/8	4	22	42,5	5,5	14
44-APWT-186-G	G1/8	6	26	44	5,5	14
44-APWT-188-G	G1/8	8	29,5	46	5,5	14
44-APWT-1810-G	G1/8	10	37	55	5,5	17
44-APWT-144-G	G1/4	4	22	43,5	6,5	17
44-APWT-146-G	G1/4	6	26	45	6,5	17
44-APWT-148-G	G1/4	8	29,5	48	6,5	17
44-APWT-1410-G	G1/4	10	37	57	6,5	17
44-APWT-1412-G	G1/4	12	42,5	59,5	7,5	19
44-APWT-386-G	G3/8	6	26	46	6,5	20
44-APWT-388-G	G3/8	8	29,5	48	6,5	20
44-APWT-3810-G	G3/8	10	37	57	6,5	20
44-APWT-3812-G	G3/8	12	42,5	59,5	6,5	20
44-APWT-3816-G	G3/8	16	51,5	63	6,5	20
44-APWT-128-G	G1/2	8	29,5	51,5	10	24
44-APWT-1210-G	G1/2	10	37	60,5	10	24
44-APWT-1212-G	G1/2	12	42,5	63	10	24
44-APWT-1216-G	G1/2	16	51,5	66,5	10	24

# One-Touch Fittings

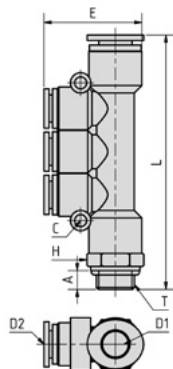
## Standard-system

**44-APKD** Male multiple T  
rotatable, BSPT male thread, PTFE coated



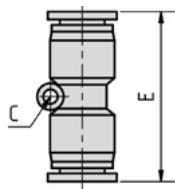
Model-no.	T	øD1	øD2	E	L	A	øC	H
44-APKD-1864	R1/8	6	4	27	68	8	3,2	12
44-APKD-1884	R1/8	8	4	27	68,5	8	3,2	14
44-APKD-1886	R1/8	8	6	27	68	8	3,2	14
44-APKD-1484	R1/4	8	4	27	70,5	10	3,2	14
44-APKD-1486	R1/4	8	6	27	70,5	10	3,2	14
44-APKD-14106	R1/4	10	6	33	89,5	10	4,2	17
44-APKD-14108	R1/4	10	8	33	89,5	10	4,2	17
44-APKD-38106	R3/8	10	6	33	90,3	11	4,2	17
44-APKD-38108	R3/8	10	8	33	90,3	11	4,2	17

**44-APKD-G** Male multiple T  
rotatable, male thread with O-ring



Model-no.	T	øD1	øD2	E	L	A	øC	H
44-APKD-1864-G	G1/8	6	4	27	67	5,5	3,2	14
44-APKD-1884-G	G1/8	8	4	27	67,5	5,5	3,2	14
44-APKD-1886-G	G1/8	8	6	27	68	5,5	3,2	14
44-APKD-1484-G	G1/4	8	4	27	69	6,5	3,2	17
44-APKD-1486-G	G1/4	8	6	27	69	6,5	3,2	17
44-APKD-14106-G	G1/4	10	6	33	89	6,5	4,2	17
44-APKD-14108-G	G1/4	10	8	33	89	6,5	4,2	17

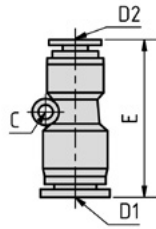
**44-APUC** Union straight



Model-no.	øD	E	øC
44-APUC-40	4	33	3,2
44-APUC-60	6	34,5	3,2
44-APUC-80	8	38,5	3,2
44-APUC-100	10	48,5	4,2
44-APUC-120	12	49	4,2
44-APUC-160	16	63,5	5,2

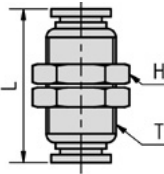


### 44-APG Union straight, reducer



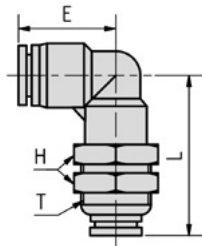
Model-no.	øD1	øD2	C	E
44-APG-6040	6	4	3,2	34
44-APG-8040	8	4	3,2	36,5
44-APG-8060	8	6	3,2	36,5
44-APG-10060	10	6	4,2	43
44-APG-10080	10	8	4,2	43
44-APG-12080	12	8	4,2	47
44-APG-120100	12	10	4,2	49
44-APG-160120	16	12	5,2	64

### 44-APMM Union bulk head



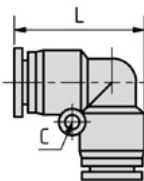
Model-no.	øD	T	L	H
44-APMM-40	4	M12x1	30,5	14
44-APMM-60	6	M14x1	32	17
44-APMM-80	8	M16x1	35	19
44-APMM-100	10	M20x1	42	24
44-APMM-120	12	M22x1	45	27

### 44-APLM Elbow bulk head



Model-no.	øD	T	L	H	E
44-APLM-40	4	M12x1	27,7	14	18,8
44-APLM-60	6	M14x1	31,7	17	20
44-APLM-80	8	M16x1	35,4	19	22,5
44-APLM-100	10	M20x1	40,5	24	27,5
44-APLM-120	12	M22x1	46,5	27	29

### 44-APUL Union elbow

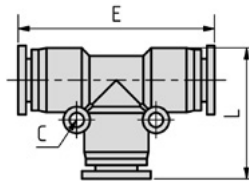


Model-no.	øD	L	øC
44-APUL-40	4	24	3,2
44-APUL-60	6	25	3,2
44-APUL-80	8	29	3,2
44-APUL-100	10	37	4,2
44-APUL-120	12	40	4,2
44-APUL-160	16	45,5	5,2

# One-Touch Fittings

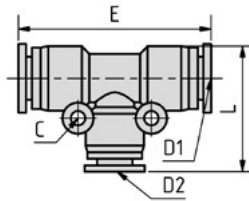
## Standard-system

### 44-APUT Union T



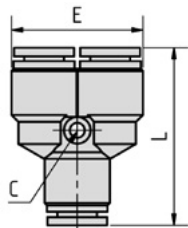
Model-no.	øD	L	E	øC
44-APUT-40	4	24	36,5	3,2
44-APUT-60	6	25,5	37,5	3,2
44-APUT-80	8	29,5	44,5	3,2
44-APUT-100	10	37	57	4,2
44-APUT-120	12	39	58	4,2
44-APUT-160	16	45	64	4,2

### 44-APGT Union T, reducer



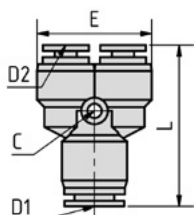
Model-no.	øD1	øD2	L	E	øC
44-APGT-406040	4	6	24,5	37,5	3,2
44-APGT-604060	6	4	25,5	38	3,2
44-APGT-608060	6	8	28	41	3,2
44-APGT-806080	8	6	29,5	43,5	3,2
44-APGT-8010080	8	10	34,5	48	4,2
44-APGT-10060100	10	6	31,5	53	4,2
44-APGT-10080100	10	8	32	56	4,2
44-APGT-100120100	10	12	38,2	58	4,2
44-APGT-12080120	12	8	35	56	4,2
44-APGT-120100120	12	10	39	57,5	4,2
44-APGT-160120160	16	12	44,5	65	4,2

### 44-APY Union Y



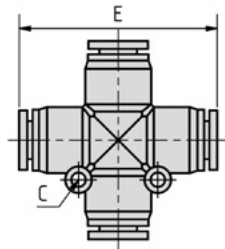
Model-no.	øD	L	E	øC
44-APY-40	4	35,5	22	3,2
44-APY-60	6	37	26	3,2
44-APY-80	8	39,5	30	3,2
44-APY-100	10	50,5	37	3,2
44-APY-120	12	52,5	42	4,2
44-APY-160	16	55,5	51,5	4,2

### 44-APW Union Y, reducer



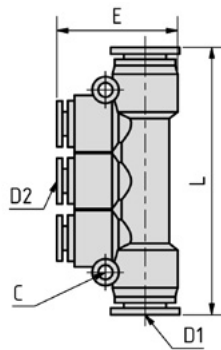
Model-no.	øD1	øD2	L	E	øC
44-APW-6040	6	4	36	22	3,2
44-APW-8040	8	4	37	26	3,2
44-APW-8060	8	6	37	26	3,2
44-APW-10060	10	6	43,5	29	3,2
44-APW-10080	10	8	43	29	3,2
44-APW-12080	12	8	50	36,5	4,2
44-APW-120100	12	10	51	36,5	4,2

### 44-APZA Union X



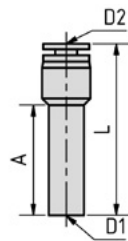
Model-no.	øD	E	øC
44-APZA-40	4	36,5	3,2
44-APZA-60	6	38	3,2
44-APZA-80	8	44,8	3,2
44-APZA-100	10	56,8	4,2
44-APZA-120	12	58,6	4,2

### 44-APKG Union T, multiple



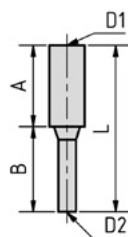
Model-no.	øD1	øD2	L	E	øC
44-APKG-40	4	4	59	27	3,2
44-APKG-60	6	6	59,5	27	3,2
44-APKG-80	8	8	79,5	33	4,2
44-APKG-100	10	10	90,9	37,5	3,5
44-APKG-6040	6	4	59,5	27	3,2
44-APKG-8040	8	4	61	27	3,2
44-APKG-8060	8	6	61	27	3,2
44-APKG-10060	10	6	81	32,5	4,2
44-APKG-10080	10	8	81	32,5	4,2

### 44-APGJ Plug-in reducer



Model-no.	øD1	øD2	L	A
44-APGJ-6040	6	4	38,5	22
44-APGJ-8040	8	4	40	25
44-APGJ-8060	8	6	41	25
44-APGJ-10060	10	6	41	26,5
44-APGJ-10080	10	8	45,5	26,5
44-APGJ-12080	12	8	43	26,5
44-APGJ-120100	12	10	51	26,5

### 44-APIG Plug reducer

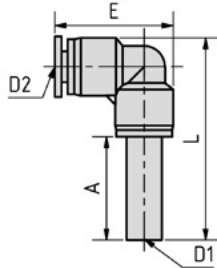


Model-no.	øD1	øD2	L	A	B
44-APIG-6040	6	4	36	17	19
44-APIG-8040	8	4	37,5	18,5	19
44-APIG-8060	8	6	39	18,5	20,5
44-APIG-10060	10	6	41,5	21	20,5
44-APIG-10080	10	8	43	21	22
44-APIG-12080	12	8	44,5	22,5	22
44-APIG-120100	12	10	48	22,5	25,5

# One-Touch Fittings

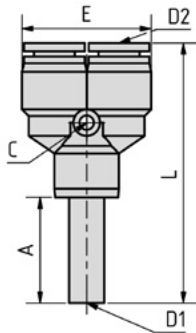
## Standard-system

### 44-APLJ Plug-in elbow



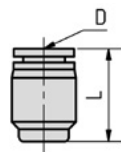
Model-no.	øD1	øD2	L	A	E
44-APLJ-40	4	4	38	22	23
44-APLJ-60	6	6	41	22	24
44-APLJ-80	8	8	46,5	25	29,5
44-APLJ-100	10	10	55	26,5	36
44-APLJ-120	12	12	58	26,5	39
44-APLJ-160	16	16	72	26,5	45
44-APLJ-6040	6	4	39,5	25	23
44-APLJ-8060	8	6	43,5	26,5	24
44-APLJ-10080	10	8	49	26,5	29,5
44-APLJ-120100	12	10	59,5	26,5	36

### 44-APYJ Plug-in Y



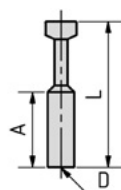
Model-no.	øD1	øD2	L	A	E
44-APYJ-40	4	4	52	20,5	22
44-APYJ-60	6	6	54,5	22	26
44-APYJ-80	8	8	59	24	29,5
44-APYJ-100	10	10	69,5	25,5	37
44-APYJ-120	12	12	74	27	42

### 44-APPF End-cap



Model-no.	øD	L
44-APPF-40	4	18
44-APPF-60	6	19
44-APPF-80	8	21
44-APPF-100	10	24
44-APPF-120	12	25

### 44-APP Plug

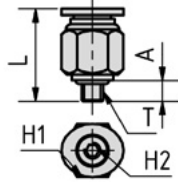


Model-no.	øD	L	A
44-APP-40	4	28	15
44-APP-60	6	33	17
44-APP-80	8	36	18
44-APP-100	10	42,5	22
44-APP-120	12	43	22
44-APP-160	16	49	24,5

**44-APC-C**

**Male straight**

male thread with O-ring, R1/8 BSPT male thread, PTFE coated

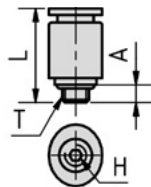


Model-no.	øD	T	L	A	H1	H2
44-APC-M33-C	3	M3	16	3	8	-
44-APC-M34-C	4	M3	17,5	3	8	-
44-APC-M53-C	3	M5	16	4	8	-
44-APC-M54-C	4	M5	17,5	4	8	-
44-APC-M56-C	6	M5	17,5	4	10	2
44-APC-183-C	3	R1/8	16	8	10	2
44-APC-184-C	4	R1/8	17,5	8	10	3
44-APC-186-C	6	R1/8	18,5	8	10	4

**44-APOC-C**

**Male straight, with inside hexagon**

male thread with O-ring, R1/8 BSPT male thread, PTFE coated

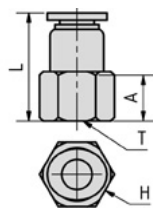


Model-no.	øD	T	L	A	H
44-APOC-M33-C	3	M3	16	3	1,5
44-APOC-M34-C	4	M3	16	3	1,5
44-APOC-M53-C	3	M5	16	4	2
44-APOC-M54-C	4	M5	17,5	4	2
44-APOC-M56-C	6	M5	17,5	4	2
44-APOC-184-C	4	R1/8	17,5	8	3
44-APOC-186-C	6	R1/8	18,5	8	4

**44-APCF-C**

**Female straight**

female thread



Model-no.	øD	T	L	A	H
44-APCF-M33-C	3	M3	15,5	3	8
44-APCF-M34-C	4	M3	17,5	3	8
44-APCF-M53-C	3	M5	17,5	5	8
44-APCF-M54-C	4	M5	19	5	8
44-APCF-M56-C	6	M5	19	5	10
44-APCF-184-C	4	R1/8	22	7,5	12
44-APCF-186-C	6	R1/8	22	7,5	12



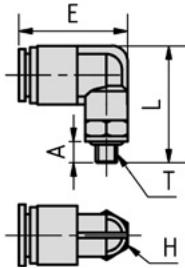
# One-Touch Fittings

## Mini-system

### 44-APL-C

#### Elbow

rotatable, male thread with O-ring, R1/8 BSPT male thread, PTFE coated

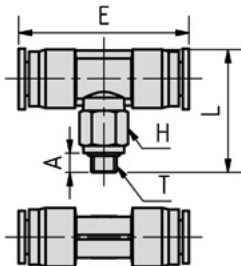


Model-no.	øD	T	L	E	A	H
44-APL-M33-C	3	M3	19	15,5	3	8
44-APL-M34-C	4	M3	20	18,5	3	8
44-APL-M53-C	3	M5	20	15,5	4	8
44-APL-M54-C	4	M5	21	18,5	4	8
44-APL-M56-C	6	M5	22	20,5	4	8
44-APL-184-C	4	R1/8	24	18,5	8	10
44-APL-186-C	6	R1/8	24	20,5	8	10

### 44-APT-C

#### Male straight, union T

rotatable, male thread with O-ring, R1/8 BSPT male thread, PTFE coated

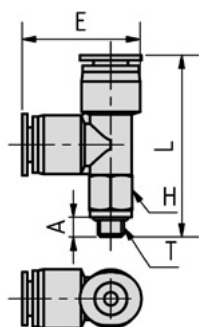


Model-no.	øD	T	L	E	A	H
44-APT-M33-C	3	M3	18,8	24	3	8
44-APT-M34-C	4	M3	21	29	3	8
44-APT-M53-C	3	M5	19,8	24	4	8
44-APT-M54-C	4	M5	21	29	4	8
44-APT-M56-C	6	M5	24	32,5	4	8
44-APT-184-C	4	R1/8	24	29	8	10
44-APT-186-C	6	R1/8	25	32,5	8	12

### 44-APST-C

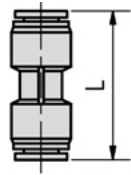
#### Male run T

rotatable, male thread with O-ring, R1/8 BSPT male thread, PTFE coated



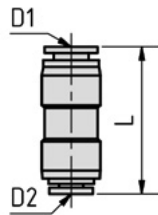
Model-no.	øD	T	L	E	A	H
44-APST-M33-C	3	M3	27,5	16	3	8
44-APST-M34-C	4	M3	29,5	19	3	8
44-APST-M53-C	3	M5	28,5	16	4	8
44-APST-M54-C	4	M5	32	19	4	8
44-APST-M56-C	6	M5	33,5	21,5	4	8
44-APST-184-C	4	R1/8	33,5	19	8	10
44-APST-186-C	6	R1/8	36	21,5	8	12

**44-APUC-C Union straight**



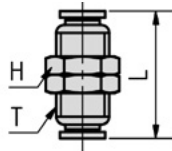
Model-no.	øD	L
44-APUC-30-C	3	23,5
44-APUC-40-C	4	27,5
44-APUC-60-C	6	28

**44-APG-C Union straight reducer**



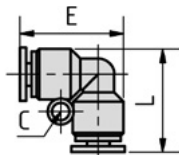
Model-no.	øD1	øD2	L
44-APG-40-30-C	4	3	26,5
44-APG-60-30-C	6	3	24,2
44-APG-60-40-C	6	4	26,3

**44-APMM-C Union bulk head**



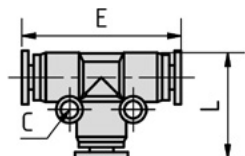
Model-no.	øD	T	L	H
44-APMM-03-C	3	M8	20,5	10
44-APMM-04-C	4	M10	24	12
44-APMM-06-C	6	M12	23,5	14

**44-APUL-C Union elbow**



Model-no.	øD	øC	E	L
44-APUL-03-C	3	3,2	15,5	15,5
44-APUL-04-C	4	3,2	19,3	19,3
44-APUL-06-C	6	3,2	21,6	21,6

**44-APUT-C Union T**

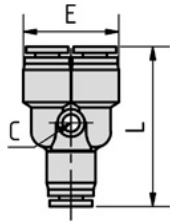


Model-no.	øD	øC	E	L
44-APUT-03-C	3	3,2	24	15,5
44-APUT-04-C	4	3,2	30	19,5
44-APUT-06-C	6	3,2	33	22

# One-Touch Fittings

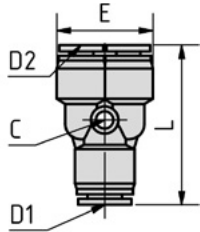
## Mini-system

### 44-APUY-C Union Y



Model-no.	$\varnothing D$	$\varnothing C$	E	L
44-APUY-03-C	3	3,2	14,5	27
44-APUY-04-C	4	3,2	18	30
44-APUY-06-C	6	3,2	22	32,8

### 44-APW-C Union Y, reducer

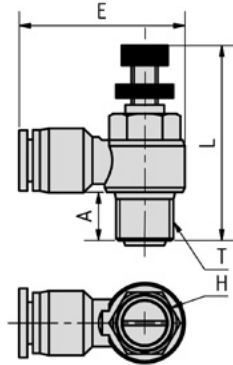


Model-no.	$\varnothing D1$	$\varnothing D2$	$\varnothing C$	E	L
44-APW-04-03-C	4	3	3,2	14,5	27
44-APW-06-04-C	6	4	3,2	18	30

### 44-ASC-O

#### Flow-regulator, outlet

with external adjusting screw, BSPT male thread, PTFE coated

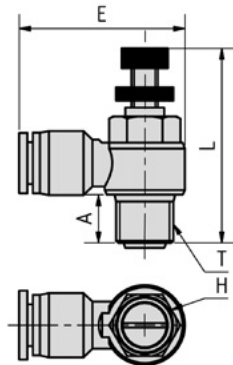


Model-no.	T	øD	E	L <sub>min</sub>	L <sub>max</sub>	A	H
44-ASC-184-O	R1/8	4	29,5	36	41	7,5	12
44-ASC-186-O	R1/8	6	30	36	41	7,5	12
44-ASC-188-O	R1/8	8	32,5	36	41	7,5	12
44-ASC-1810-O	R1/8	10	37	36	41	7,5	12
44-ASC-144-O	R1/4	4	33	43	48,5	11,4	14
44-ASC-146-O	R1/4	6	34	43	48,5	11,4	14
44-ASC-148-O	R1/4	8	37,5	43	48,5	11,4	14
44-ASC-1410-O	R1/4	10	41	43	48,5	11,4	14
44-ASC-1412-O	R1/4	12	42,5	43	48,5	11,4	14
44-ASC-386-O	R3/8	6	39,5	48,5	54	12,8	19
44-ASC-388-O	R3/8	8	40	48,5	54	12,8	19
44-ASC-3810-O	R3/8	10	44	48,5	54	12,8	19
44-ASC-3812-O	R3/8	12	46	48,5	54	12,8	19
44-ASC-128-O	R1/2	8	46	56	61,5	15,5	24
44-ASC-1210-O	R1/2	10	49,5	56	61,5	15,5	24
44-ASC-1212-O	R1/2	12	50	56	61,5	15,5	24

### 44-ASC-I

#### Flow-regulator, inlet

with external adjusting screw, BSPT male thread, PTFE coated



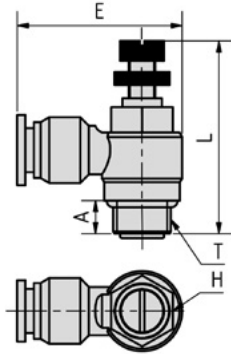
Model-no.	T	øD	E	L <sub>min</sub>	L <sub>max</sub>	A	H
44-ASC-184-I	R1/8	4	29,5	36	41	7,5	12
44-ASC-186-I	R1/8	6	30	36	41	7,5	12
44-ASC-188-I	R1/8	8	32,5	36	41	7,5	12
44-ASC-1810-I	R1/8	10	37	36	41	7,5	12
44-ASC-144-I	R1/4	4	33	43	48,5	11,4	14
44-ASC-146-I	R1/4	6	34	43	48,5	11,4	14
44-ASC-148-I	R1/4	8	37,5	43	48,5	11,4	14
44-ASC-1410-I	R1/4	10	41	43	48,5	11,4	14
44-ASC-1412-I	R1/4	12	42,5	43	48,5	11,4	14
44-ASC-386-I	R3/8	6	39,5	48,5	54	12,8	19
44-ASC-388-I	R3/8	8	40	48,5	54	12,8	19
44-ASC-3810-I	R3/8	10	44	48,5	54	12,8	19
44-ASC-3812-I	R3/8	12	46	48,5	54	12,8	19
44-ASC-128-I	R1/2	8	46	56	61,5	15,5	24
44-ASC-1210-I	R1/2	10	49,5	56	61,5	15,5	24
44-ASC-1212-I	R1/2	12	50	56	61,5	15,5	24

# One-Touch Fittings

## Function fittings

### 44-ASC-O-G

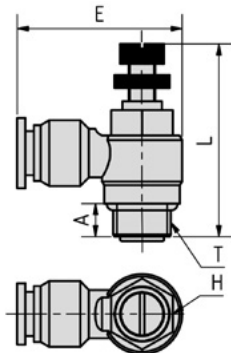
Flow-regulator, outlet  
with external adjusting screw, male thread with O-ring



Model-no.	T	øD	E	L <sub>min</sub>	L <sub>max</sub>	A	H
44-ASC-M54-O	M5	4	25	29,5	33	3,5	8
44-ASC-M56-O	M5	6	26,5	29,5	33	3,5	8
44-ASC-184-O-G	G1/8	4	29,5	36	41	6,5	12
44-ASC-186-O-G	G1/8	6	30	36	41	6,5	12
44-ASC-188-O-G	G1/8	8	32,5	36	41	6,5	12
44-ASC-1810-O-G	G1/8	10	37	36	41	6,5	12
44-ASC-144-O-G	G1/4	4	33	43	48	8,5	14
44-ASC-146-O-G	G1/4	6	34	43	49	8,5	14
44-ASC-148-O-G	G1/4	8	37,5	42	48	8,5	14
44-ASC-1410-O-G	G1/4	10	41	43	50	8,5	14
44-ASC-1412-O-G	G1/4	12	42,5	43	50	8,5	14
44-ASC-386-O-G	G3/8	6	37,5	48	55	10	19
44-ASC-388-O-G	G3/8	8	40	49	54	10	19
44-ASC-3810-O-G	G3/8	10	44	49	54	10	19
44-ASC-3812-O-G	G3/8	12	46	49	55	10	19
44-ASC-128-O-G	G1/2	8	46	55,5	60	11,5	24
44-ASC-1210-O-G	G1/2	10	49,5	56	61	11,5	24
44-ASC-1212-O-G	G1/2	12	50	56	62,5	11,5	24

### 44-ASC-I-G

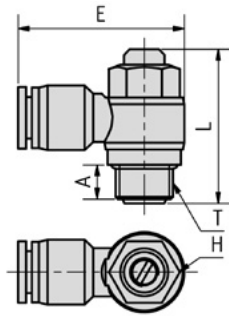
Flow-regulator, inlet  
with external adjusting screw, male thread with O-ring



Model-no.	T	øD	E	L <sub>min</sub>	L <sub>max</sub>	A	H
44-ASC-M54-I	M5	4	25	29,5	33	3,5	8
44-ASC-M56-I	M5	6	26,5	29,5	33	3,5	8
44-ASC-184-I-G	G1/8	4	29,5	36	41	6,5	12
44-ASC-186-I-G	G1/8	6	30	36	41	6,5	12
44-ASC-188-I-G	G1/8	8	32,5	36	41	6,5	12
44-ASC-1810-I-G	G1/8	10	37	36	41	6,5	12
44-ASC-144-I-G	G1/4	4	33	43	48	8,5	14
44-ASC-146-I-G	G1/4	6	34	43	49	8,5	14
44-ASC-148-I-G	G1/4	8	37,5	42	48	8,5	14
44-ASC-1410-I-G	G1/4	10	41	43	50	8,5	14
44-ASC-1412-I-G	G1/4	12	42,5	43	50	8,5	14
44-ASC-386-I-G	G3/8	6	37,5	48	55	10	19
44-ASC-388-I-G	G3/8	8	40	49	54	10	19
44-ASC-3810-I-G	G3/8	10	44	49	54	10	19
44-ASC-3812-I-G	G3/8	12	46	49	55	10	19
44-ASC-128-I-G	G1/2	8	46	55,5	60	11,5	24
44-ASC-1210-I-G	G1/2	10	49,5	56	61	11,5	24
44-ASC-1212-I-G	G1/2	12	50	56	62,5	11,5	24

### 44-XSC-O-G

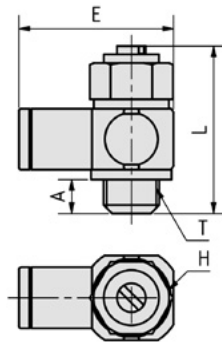
Flow-regulator, outlet  
with internal adjusting screw, male thread with O-ring



Model-no.	T	øD	E	L	A	H
44-XSC-M54-O	M5	4	25	23	3,5	8
44-XSC-M56-O	M5	6	26,5	23	3,5	8
44-XSC-184-O-G	G1/8	4	29,5	29	5,5	12
44-XSC-186-O-G	G1/8	6	31	29	5,5	12
44-XSC-188-O-G	G1/8	8	33	29	5,5	12
44-XSC-1810-O-G	G1/8	10	36,5	29	5,5	12
44-XSC-1812-O-G	G1/8	12	37	29	5,5	12
44-XSC-146-O-G	G1/4	6	35	35	7,5	14
44-XSC-148-O-G	G1/4	8	38	35	7,5	14
44-XSC-1410-O-G	G1/4	10	42	35	7,5	14
44-XSC-1412-O-G	G1/4	12	43,5	35	7,5	14
44-XSC-386-O-G	G3/8	6	39	40	7,5	19
44-XSC-388-O-G	G3/8	8	40	40	7,5	19
44-XSC-3810-O-G	G3/8	10	42,5	40	7,5	19
44-XSC-3812-O-G	G3/8	12	44,5	40	7,5	19

### 40-356

Flow-regulator, outlet  
with internal adjusting screw, male thread

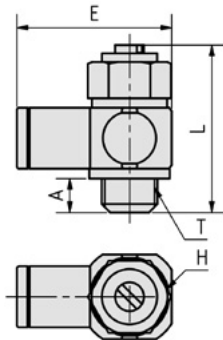


Model-no.	T	øD	E	L <sub>max</sub>	A	H
40-356-25-040	M5	4	20,5	21	3,5	8
40-356-25-060	M5	6	24,5	23	3	8
40-356-28-040	G1/8	4	26,5	34	6	16
40-356-28-060	G1/8	6	30	34	6	16
40-356-28-080	G1/8	8	32,5	34	6	16
40-356-24-040	G1/4	4	30,5	37,5	8	20
40-356-24-060	G1/4	6	34	37,5	8	20
40-356-24-080	G1/4	8	36,5	37,5	8	20
40-356-38-080	G3/8	8	39	47	8,5	22
40-356-38-100	G3/8	10	41,5	47	8,5	22

# One-Touch Fittings

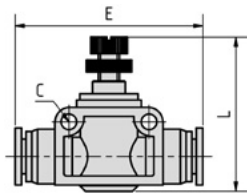
## Function fittings

### 40-357 Flow-regulator, inlet with internal adjusting screw, male thread



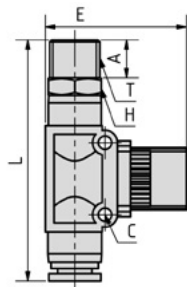
Model-no.	T	øD	E	L <sub>max</sub>	A	H
40-357-25-040	M5	4	20,5	21	3,5	8
40-357-25-060	M5	6	24,5	23	3	8
40-357-28-040	G1/8	4	26,5	34	6	16
40-357-28-060	G1/8	6	30	34	6	16
40-357-28-080	G1/8	8	32,5	34	6	16
40-357-24-040	G1/4	4	30,5	37,5	8	20
40-357-24-060	G1/4	6	34	37,5	8	20
40-357-24-080	G1/4	8	36,5	37,5	8	20
40-357-38-080	G3/8	8	39	47	8,5	22
40-357-38-100	G3/8	10	41,5	47	8,5	22

### 44-ASCF Flow-regulator 2 x push in



Model-no.	øD	E	L <sub>min</sub>	L <sub>max</sub>	øC
44-ASCF-40	4	40	27	29,5	3,2
44-ASCF-60	6	47	39	44,5	4,2
44-ASCF-80	8	52	42,5	47,5	4,2
44-ASCF-100	10	63,5	46,5	52,5	4,2
44-ASCF-120	12	74	54	59	4,2

### 44-AHVFS 3/2-way hand valve with one side BSPT male thread flow direction push in side - male thread side



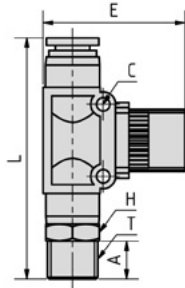
Model-no.	øD	T	L	A	E	H	øC
44-AHVFS-186	6	R1/8	59,8	8	37,5	12	3,5
44-AHVFS-188	8	R1/8	60	8	37,5	12	3,5
44-AHVFS-146	6	R1/4	62	10	37,5	14	3,5
44-AHVFS-148	8	R1/4	62,5	10	37,5	14	3,5
44-AHVFS-1410	10	R1/4	78	10	40,5	17	3,5
44-AHVFS-1412	12	R1/4	78,3	10	40,5	17	3,5
44-AHVFS-386	6	R3/8	62,5	11	37,5	17	3,5
44-AHVFS-388	8	R3/8	64	11	37,5	17	3,5
44-AHVFS-3810	10	R3/8	79	11	40,5	17	3,5
44-AHVFS-3812	12	R3/8	79,3	11	40,5	17	3,5
44-AHVFS-1210	10	R1/2	83,5	14	40,5	21	3,5
44-AHVFS-1212	12	R1/2	82,8	14	40,5	21	3,5



### 44-AHVSF

#### 3/2-way hand valve with one side BSPT male thread

flow direction male thread side - push in side

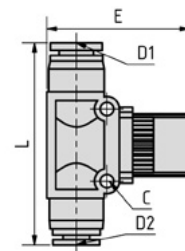


Model-no.	øD	T	L	A	E	H	øC
44-AHVSF-186	6	R1/8	59,8	8	37,5	12	3,5
44-AHVSF-188	8	R1/8	60	8	37,5	12	3,5
44-AHVSF-146	6	R1/4	62	10	37,5	14	3,5
44-AHVSF-148	8	R1/4	62,5	10	37,5	14	3,5
44-AHVSF-1410	10	R1/4	78	10	40,5	17	3,5
44-AHVSF-1412	12	R1/4	78,3	10	40,5	17	3,5
44-AHVSF-386	6	R3/8	62,5	11	37,5	17	3,5
44-AHVSF-388	8	R3/8	64	11	37,5	17	3,5
44-AHVSF-3810	10	R3/8	79	11	40,5	17	3,5
44-AHVSF-3812	12	R3/8	79,3	11	40,5	17	3,5
44-AHVSF-1210	10	R1/2	83,5	14	40,5	21	3,5
44-AHVSF-1212	12	R1/2	82,8	14	40,5	21	3,5

### 44-AHVFF

#### 3/2-way hand valve

2 x push in

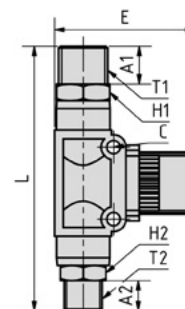


Model-no.	øD1	øD2	L	E	øC
44-AHVFF-60	6	6	52,5	37,5	3,5
44-AHVFF-8060	8	6	52,5	37,5	3,5
44-AHVFF-80	8	8	53	37,5	3,5
44-AHVFF-10080	10	8	68	40,5	3,5
44-AHVFF-100	10	10	68,5	40,5	3,5
44-AHVFF-120100	12	10	68,5	40,5	3,5
44-AHVFF-120	12	12	69	40,5	3,5

### 44-AHVSS

#### 3/2-way hand valve

2 x BSPT male thread, PTFE coated

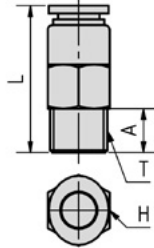


Model-no.	T1	T2	L	A1	A2	E	H1	H2	øC
44-AHVSS-1818	R1/8	R1/8	67,4	8	8	37,5	12	12	3,5
44-AHVSS-1418	R1/4	R1/8	69,8	10	8	37,5	14	12	3,5
44-AHVSS-1414	R1/4	R1/4	72,2	10	10	37,5	14	14	3,5
44-AHVSS-3814	R3/8	R1/4	89	11	10	40,5	17	17	3,5
44-AHVSS-3838	R3/8	R3/8	90	11	11	40,5	17	17	3,5
44-AHVSS-1238	R1/2	R3/8	93,5	14	11	40,5	21	17	3,5
44-AHVSS-1212	R1/2	R1/2	97	14	14	40,5	21	21	3,5

# One-Touch Fittings

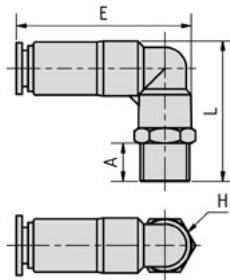
## Function fittings

### 44-ASPC Air fuse straight BSPT male thread, PTFE coated



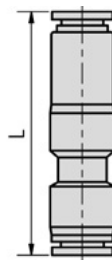
Model-no.	T	øD	L	A	H
44-ASPC-184	R1/8	4	24,8	8	10
44-ASPC-186	R1/8	6	25	8	12
44-ASPC-146	R1/4	6	27	10	14
44-ASPC-148	R1/4	8	33,3	10	14
44-ASPC-388	R3/8	8	33,3	11	17
44-ASPC-1410	R1/4	10	35,9	10	17
44-ASPC-3810	R3/8	10	35,9	11	17
44-ASPC-1210	R1/2	10	36,9	14	21
44-ASPC-3812	R3/8	12	37	11	21
44-ASPC-1212	R1/2	12	37	14	21

### 44-ASPL Air fuse elbow M5 male thread with O-ring, from R1/8 BSPT male thread, PTFE coated



Model-no.	T	øD	L	A	E	H
44-ASPL-M54	M5	4	26,5	4	36,3	10
44-ASPL-M56	M5	6	28	4	37	12
44-ASPL-184	R1/8	4	30	8	36,3	10
44-ASPL-186	R1/8	6	31,5	8	37	12
44-ASPL-146	R1/4	6	34	10	37	14
44-ASPL-188	R1/8	8	35	8	45,5	14
44-ASPL-148	R1/4	8	37	10	45,5	14
44-ASPL-1410	R1/4	10	44	10	53	17
44-ASPL-3810	R3/8	10	45	11	53	17
44-ASPL-1210	R1/2	10	48	14	53	21
44-ASPL-3812	R3/8	12	47,5	11	56,5	19
44-ASPL-1212	R1/2	12	51	14	56,5	21

### 44-ASPU Union straight, air fuse

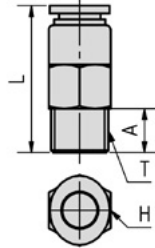


Model-no.	øD	L
44-ASPU-40	4	45,5
44-ASPU-60	6	47,5
44-ASPU-80	8	54,5
44-ASPU-100	10	64,5
44-ASPU-120	12	66

**44-ACVPC**

**Non-return valve, straight**

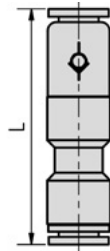
M5 male thread with O-ring, from R1/8 BSPT male thread, PTFE coated



Model-no.	T	øD	L	A	H
44-ACVPC-M54	M5	4	32,9	3,5	10
44-ACVPC-184	R1/8	4	28,1	8	10
44-ACVPC-186	R1/8	6	29,7	8	12
44-ACVPC-146	R1/4	6	29,7	10	14
44-ACVPC-188	R1/8	8	32,7	8	14
44-ACVPC-148	R1/4	8	35,1	10	14
44-ACVPC-3810	R3/8	10	44	11	17
44-ACVPC-1210	R1/2	10	44	14	21
44-ACVPC-3812	R3/8	12	42,6	11	21
44-ACVPC-1212	R1/2	12	42,6	14	21

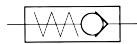
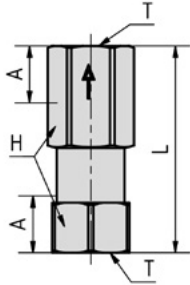
**44-ACVPU**

**Union straight non-return valve**



Model-no.	øD	L
44-ACVPU-40	4	45,1
44-ACVPU-60	6	47,5
44-ACVPU-80	8	54
44-ACVPU-100	10	64,1
44-ACVPU-120	12	64,2

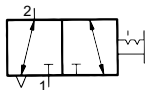
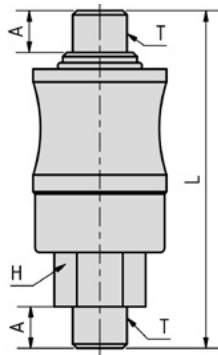
## 40-350 Check valve female thread



Model-no.	40-350-18-18	40-350-14-14	40-350-38-38	40-350-12-12
Flow rate	230 NI/min (0,234 Cv)	750 NI/min (0,762 Cv)	1650 NI/min (1,677 Cv)	2200 NI/min (2,236 Cv)
Pressure range	0,5 ... 15 bar (7 ... 218 psi)			
Temperature range	-10°C ... +60°C (+14°F ... +140°F)			
Materials	body: brass, seals: NBR			
Weight	0,036 kg (0,079 lb.)	0,051 kg (0,112 lb.)	0,144 kg (0,317 lb.)	0,175 kg (0,386 lb.)

Dimensions (mm)				
T	G1/8	G1/4	G3/8	G1/2
A	8	10	10	14
L	39	45,5	59,5	66
H	14	17	22	27

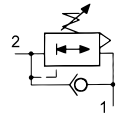
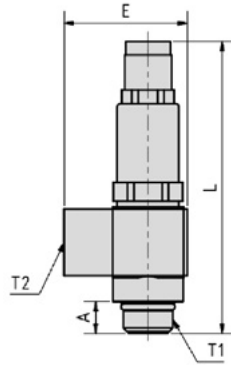
## 40-351 Hand sliding valve male thread



Model-no.	40-351-18	40-351-14	40-351-38	40-351-12
Flow rate 1-2	750 NI/min (0,762 Cv)	1500 NI/min (1,524 Cv)	2250 NI/min (2,287 Cv)	3000 NI/min (3,049 Cv)
Flow rate 2-1	1000 NI/min (1,016 Cv)	2000 NI/min (2,033 Cv)	4160 NI/min (4,228 Cv)	5500 NI/min (5,589 Cv)
Pressure range	1 ... 12 bar (14,5 ... 174 psi)			
Temperature range	0°C ... +90°C +32°F ... +194°F)			
Materials	body: brass, sleeve: Al (anodized), seals: NBR			
Weight	0,100 kg (0,220 lb.)	0,160 kg (0,353 lb.)	0,220 kg (0,485 lb.)	0,370 kg (0,816 lb.)

Dimensions (mm)				
A	G1/8	G1/4	G3/8	G1/2
B	6,3	9,5	9,5	11,5
D	G1/8	G1/4	G3/8	G1/2
L	41	48	55	65,5
H	M5	M5	M5	M5

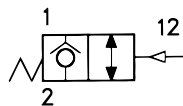
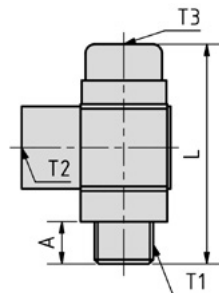
## 40-354 Miniature pressure regulator, screw-in type male thread with O-ring



Model-no.	40-354-18	40-354-14	40-354-12
Flow rate	320 NI/min (0,325 Cv)	600 NI/min (0,610 Cv)	830 NI/min (0,843 Cv)
Input pressure	max. 10 bar (max. 145 psi)		
Pressure range	1 ... 8 bar (14 ... 116 psi)		
Temperature range	-10°C ... +70°C (+14°F ... +158°F)		
Materials	Body: Al (black anodized), brass (zinc-plated), PA; Seals: NBR		
Weight	0,06 kg (0,132 lb.)	0,08 kg (0,176 lb.)	0,18 kg (0,397 lb.)

Dimensions (mm)				
T1	G1/8	G1/4	G1/2	
A	6,3	9,5	11,5	
T2	G1/8	G1/4	G1/2	
L <sub>max</sub>	73	81	89	
E	27	33	46	

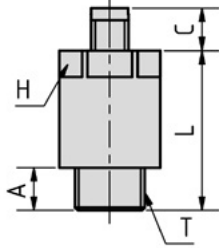
## 40-355 Check valve, pilot operated male thread with O-ring



Model-no.	40-355-18	40-355-14	40-355-38	40-352-12
Flow rate 1-2	130 NI/min (0,132 Cv)	620 NI/min (0,630 Cv)	1170 NI/min (1,189 Cv)	1890 NI/min (1,921 Cv)
Flow rate 2-1	290 NI/min (0,295 Cv)	680 NI/min (0,691 Cv)	1160 NI/min (1,179 Cv)	1910 NI/min (1,941 Cv)
Pressure range	0 ... 10 bar (0 ... 145 psi)			
Temperature range	-10°C ... +70°C (+14°F ... +158°F)			
Materials	Body: Al (black anodized), brass (zinc-plated), PA; Seals: NBR			
Weight	0,03 kg (0,066 lb.)	0,06 kg (0,132 lb.)	0,10 kg (0,220 lb.)	0,16 kg (0,353 lb.)

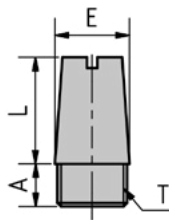
Dimensions (mm)				
T1	G1/8	G1/4	G3/8	G1/2
A	6,3	9,5	9,5	11,5
T2	G1/8	G1/4	G3/8	G1/2
L	41	48	55	65,5
T3	M5	M5	M5	M5

## 40-358 Flow-control silencer male thread



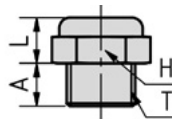
Model-no.	40-358-18	40-358-14
Flow rate	320 NI/min (0,325 Cv)	750 NI/min (0,762 Cv)
Pressure range	0 ... 16 bar (0 ... 232 psi)	
Temperature range	-10°C ... +100°C (+14°F ... +212°F)	
Materials	brass, sintered bronze, NBR	
Weight	0,017 kg (0,037 lb.)	0,034 kg (0,075 lb.)
Dimensions (mm)		
T	G1/8	G1/4
A	6	8
L	23	30
H	14	17
C <sub>max.</sub>	6	6

## 40-501 Silencer male thread, sintered bronze



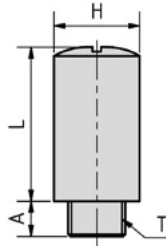
Model-no.	T	L	A	E
40-501-M5	M5	16	5	8
40-501-18	G1/8	16	6	11
40-501-14	G1/4	19	8	14
40-501-38	G3/8	28	8	18
40-501-12	G1/2	33	10	24
40-501-34	G3/4	53	12	30
40-501-100	G1	54	15	38

## 40-502 Silencer male thread, sintered bronze and brass



Model-no.	T	L	A	H
40-502-M5	M5	5	5	8
40-502-18	G1/8	6	6	12
40-502-14	G1/4	8,5	8	16

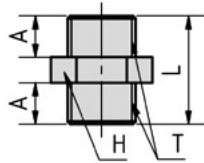
**40-90 Silencer\***  
male thread, plastic



Model-no.	T	L	A	E
40-90-018	G1/8	26,5	6	15
40-90-014	G1/4	35	8	19,5
40-90-038	G3/8	47	11	24,5
40-90-012-01	G1/2	47	11	24,5
40-90-034-01	G3/4	97	18	48
40-90-100-01	G1	97	18	48

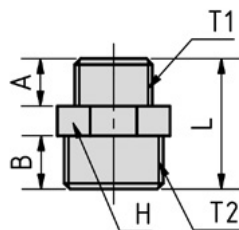
\* Max. pressure 6 bar (87 psi)

**40-271 Double nipple**  
male thread, brass nickel-plated



Model-no.	T	L	A	H
40-271-M5	M5	11,5	4	8
40-271-18	G1/8	16,5	6	13
40-271-14	G1/4	21	8	17
40-271-38	G3/8	23	9	19
40-271-12	G1/2	25,5	10	24

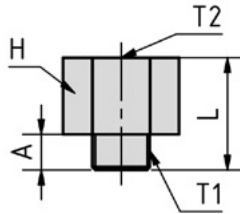
**40-272 Double nipple, reducer**  
male thread, brass nickel-plated



Model-no.	T1	T2	L	A	B	H
40-272-M5-18	M5	G1/8	14,5	4	6	13
40-272-18-14	G1/8	G1/4	19	6	8	17
40-272-18-38	G1/8	G3/8	20	6	9	19
40-272-18-12	G1/8	G1/2	21,5	6	10	24
40-272-14-38	G1/4	G3/8	22	8	9	19
40-272-14-12	G1/4	G1/2	23,5	8	10	24
40-272-38-12	G3/8	G1/2	24,5	9	10	24

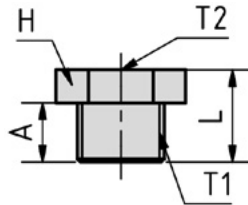


**40-273** Reducing nipple  
male / female thread, brass nickel-plated



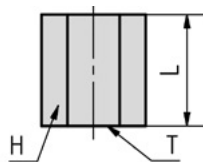
Model-no.	T1	T2	L	A	H
40-273-M5-18	M5	G1/8	14	4	13
40-273-18-18	G1/8	G1/8	16	6	13
40-273-18-14	G1/8	G1/4	19	6	17
40-273-18-38	G1/8	G3/8	20	6	19
40-273-18-12	G1/8	G1/2	24	6	24
40-273-14-14	G1/4	G1/4	21	8	17
40-273-14-38	G1/4	G3/8	22	8	19
40-273-14-12	G1/4	G1/2	26	8	24
40-273-38-38	G3/8	G3/8	23	9	19
40-273-38-12	G3/8	G1/2	27	9	24
40-273-12-12	G1/2	G1/2	28	10	24

**40-274** Reducing nipple  
female / male thread, brass nickel-plated



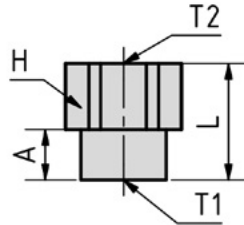
Model-no.	T1	T2	L	A	H
40-274-18-M5	G1/8	M5	10,5	6	13
40-274-14-18	G1/4	G1/8	13	8	17
40-274-38-18	G3/8	G1/8	14	9	19
40-274-12-18	G1/2	G1/8	15,5	10	24
40-274-38-14	G3/8	G1/4	14	9	19
40-274-12-14	G1/2	G1/4	15,5	10	24
40-274-12-38	G1/2	G3/8	15,5	10	24

**40-275** Sleeve  
female thread, brass nickel-plated



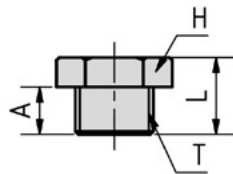
Model-no.	T	L	H
40-275-M5	M5	10	8
40-275-18	G1/8	15	13
40-275-14	G1/4	21	17
40-275-38	G3/8	23	19
40-275-12	G1/2	30	24

**40-276** Reducing sleeve  
female thread, brass nickel-plated



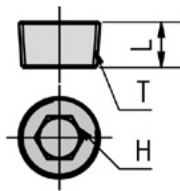
Model-no.	T1	T2	L	A	H
40-276-M5-18	M5	G1/8	13	5	13
40-276-18-14	G1/8	G1/4	18,5	8	17
40-276-18-38	G1/8	G3/8	19,5	8	19
40-276-18-12	G1/8	G1/2	23	8	24
40-276-14-38	G1/4	G3/8	22	10,5	19
40-276-14-12	G1/4	G1/2	25,5	10,5	24
40-276-38-12	G3/8	G1/2	26,5	11,5	24

**40-277** Plug  
male thread, brass nickel-plated



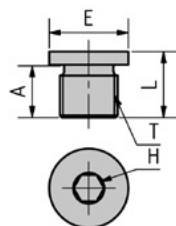
Model-no.	T	A	L	H
40-277-M5	M5	4	7,5	8
40-277-18	G1/8	6	10,5	13
40-277-14	G1/4	8	13	17
40-277-38	G3/8	9	14	19
40-277-12	G1/2	10	15,5	24

**40-278** Plug  
taper male thread, brass



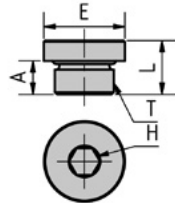
Model-no.	T	L	H
40-278-18	R1/8	5	5
40-278-14	R1/4	7,5	7

**40-279** Plug  
male thread, brass



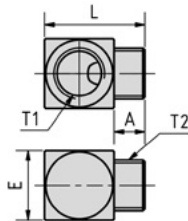
Model-no.	T	L	A	øE	H
40-279-18	G1/8	11	8	14	5
40-279-14	G1/4	15	12	18	6
40-279-38	G3/8	15	12	22	8
40-279-12	G1/2	18	14	25	10

**40-279-1** Plug  
male thread with O-ring, brass nickel-plated



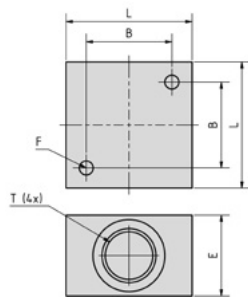
Model-no.	T	L	A	øE	H
40-279-1-M5	M5	7,9	4,5	7,9	2,5
40-279-1-18	G1/8	14	5,5	14	5
40-279-1-14	G1/4	18	7,5	18	6
40-279-1-38	G3/8	22	7,5	22	8
40-279-1-12	G1/2	25	9,5	25	10

**40-251** Elbow connector  
male / female thread, brass nickel-plated



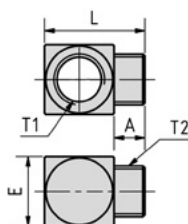
Model-no.	T1	T2	L	A	E
40-251-M5	M5	M5	13	4	9
40-251-18	G1/8	G1/8	21	6	14
40-251-14	G1/4	G1/4	27	8	18

**40-252** Cross manifold  
female thread, M5 brass nickel-plated, G1/8 - G1/2 aluminium



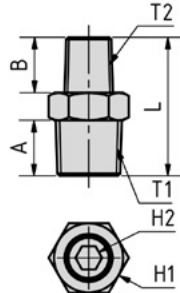
Model-no.	T	øF	B	L
40-252-M5	M5	3,3	11	18
40-252-18	G1/8	4,5	17	25
40-252-14	G1/4	5,5	26	40
40-252-38	G3/8	5,5	34	50
40-252-12	G1/2	5,5	34	50

**40-253** T-connector  
male / female thread, brass nickel-plated



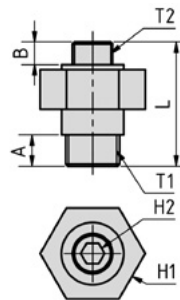
Model-no.	T1	T2	L	A	E
40-253-M5	M5	M5	13	4	9
40-253-18	G1/8	G1/8	21	6	14
40-253-14	G1/4	G1/4	27	8	18

**40-254** Double nipple, adjustable  
taper male thread, brass



Model-no.	T1	T2	L	A	B	H1	H2
40-254-18-18	R1/8	R1/8	27	9,2	9	15	5
40-254-18-14	R1/4	R1/8	30	12	12	15	5
40-254-14-14	R1/4	R1/4	33,5	12	12	19	6
40-254-38-38	R3/8	R3/8	36,5	13	13	22	8
40-254-12-12	R1/2	R1/2	44	16	16	27	12

**40-254-1** Double nipple, adjustable  
male thread with O-ring, brass nickel-plated



Model-no.	T1	T2	L	A	B	H1	H2
40-254-1-18-18	G1/8	G1/8	30	5,5	5,5	19	5
40-254-1-14-14	G1/4	G1/4	37	7,5	7,5	22	6
40-254-1-38-38	G3/8	G3/8	39,5	7,5	7,5	27	8
40-254-1-12-12	G1/2	G1/2	46	9,5	9,5	30	12

### 44-PU98

### PU-tube, ester base, Shore A 98



Medium:  
compressed air

Material:  
Polyurethan, ester base,  
Shore A 98

Max. pressure:  
13 bar (189 psi)

Temperature:  
-40°C ... +70°C (-40°F ... +158°F)


Temperature	+20°C	+30°C	+40°C	+50°C	+60°C	+70°C
max. pressure	100%	87%	72%	63%	55%	47%


Diameter tolerances:

3 mm ... 8 mm	+/- 0,10 mm
9 mm ... 12 mm	+/- 0,15 mm
16 mm ... 18 mm	+/- 0,20 mm

Characteristics:

- perfect for pneumatic applications
- broad resistance to chemicals
- UV- and cold-resistant
- extremely flexible
- very abrasion resistant

50m reel	Model-no.	OD (mm)	ID (mm)	Wall thickness (mm)	Color	Max. pressure (bar at 23°C)	R <sub>max</sub> (mm)
 film wrapped	44-PU98-4025-050-BK	4	2,5	0,75	black	13	20
	44-PU98-6040-050-BK	6	4	1	black	11	25
	44-PU98-8055-050-BK	8	5,5	1,25	black	10	35
	44-PU98-1075-050-BK	10	7,5	1,25	black	8	40
	44-PU98-1290-050-BK	12	9	1,5	black	7	45
	44-PU98-4025-050-BU	4	2,5	0,75	blue	13	20
	44-PU98-6040-050-BU	6	4	1	blue	11	25
	44-PU98-8055-050-BU	8	5,5	1,25	blue	10	35
	44-PU98-1075-050-BU	10	7,5	1,25	blue	8	40
	44-PU98-1290-050-BU	12	9	1,5	blue	7	45
	44-PU98-6040-050-S	6	4	1	silver	11	25
	44-PU98-8055-050-S	8	5,5	1,25	silver	10	35
	44-PU98-1075-050-S	10	7,5	1,25	silver	8	40

100m reel	Model-no.	OD (mm)	ID (mm)	Wall thickness (mm)	Color	Max. pressure (bar at 23°C)	R <sub>max</sub> (mm)
 paper reel	44-PU98-4025-100-BK	4	2,5	0,75	black	13	20
	44-PU98-6040-100-BK	6	4	1	black	11	25
	44-PU98-8055-100-BK	8	5,5	1,25	black	10	35
	44-PU98-1075-100-BK	10	7,5	1,25	black	8	40
	44-PU98-1290-100-BK	12	9	1,5	black	7	45
	44-PU98-4025-100-BU	4	2,5	0,75	blue	13	20
	44-PU98-6040-100-BU	6	4	1	blue	11	25
	44-PU98-8055-100-BU	8	5,5	1,25	blue	10	35
	44-PU98-1075-100-BU	10	7,5	1,25	blue	8	40
	44-PU98-1290-100-BU	12	9	1,5	blue	7	45
	44-PU98-6040-100-S	6	4	1	silver	11	25
	44-PU98-8055-100-S	8	5,5	1,25	silver	10	35
	44-PU98-1075-100-S	10	7,5	1,25	silver	8	40

Color transparent (C), grey (GY), green (G), red (R), orange (OR) and yellow (Y) on request.

Other dimensions on request.

### 44-PU95

### PU-tube, ether base, Shore A 95



Medium:  
compressed air

Material:  
Polyurethan, ether base,  
Shore A 95

Max. pressure:  
12 bar (174 psi)

Temperature:  
-40°C ... +70°C (-40°F ... +158°F)

Temperature	+20°C	+30°C	+40°C	+50°C	+60°C	+70°C
max. pressure	100%	87%	72%	63%	55%	47%

Diameter tolerances:  
3 mm ... 8 mm +/- 0,10 mm  
9 mm ... 12 mm +/- 0,15 mm  
16 mm ... 18 mm +/- 0,20 mm

Characteristics:

- broad resistance to water, moisture and fungus
- extremely flexible
- very abrasion resistant

#### 50m reel



film wrapped

Model-no.	OD (mm)	ID (mm)	Wall thickness (mm)	Color	Max. pressure (bar at 23°C)	R <sub>max</sub> (mm)
44-PU95-4025-050-BK	4	2,5	0,75	black	12	20
44-PU95-6040-050-BK	6	4	1	black	10	25
44-PU95-8055-050-BK	8	5,5	1,25	black	9	35
44-PU95-1075-050-BK	10	7,5	1,25	black	7	40
44-PU95-1280-050-BK	12	8	2	black	9	40
44-PU95-4025-050-BU	4	2,5	0,75	blue	12	20
44-PU95-6040-050-BU	6	4	1	blue	10	25
44-PU95-8055-050-BU	8	5,5	1,25	blue	9	35
44-PU95-1075-050-BU	10	7,5	1,25	blue	7	40
44-PU95-1280-050-BU	12	8	2	blue	9	40

#### 100m reel



paper reel

Model-no.	OD (mm)	ID (mm)	Wall thickness (mm)	Color	Max. pressure (bar at 23°C)	R <sub>max</sub> (mm)
44-PU95-4025-100-BK	4	2,5	0,75	black	12	20
44-PU95-6040-100-BK	6	4	1	black	10	25
44-PU95-8055-100-BK	8	5,5	1,25	black	9	35
44-PU95-1075-100-BK	10	7,5	1,25	black	7	40
44-PU95-1280-100-BK	12	8	2	black	9	40
44-PU95-4025-100-BU	4	2,5	0,75	blue	12	20
44-PU95-6040-100-BU	6	4	1	blue	10	25
44-PU95-8055-100-BU	8	5,5	1,25	blue	9	35
44-PU95-1075-100-BU	10	7,5	1,25	blue	7	40
44-PU95-1280-100-BU	12	8	2	blue	9	40

Color transparent (C), grey (GY), silver (S), green (G), red (R), orange (OR) and yellow (Y) on request.  
Other dimensions on request.

### 44-PA12

### PA-tube, PA12



Medium:  
compressed air  
Material:  
Polyamid PA12  
Max. pressure:  
44 bar (638 psi)

Temperature:  
-40°C ... +100°C (-40°F ... +212°F)

Temperature	+20°C	+40°C	+60°C	+80°C	+100°C
max. pressure	100%	74%	57%	47%	40%

Diameter tolerances:  
4 mm ... 10 mm +/- 0,10 mm  
11 mm ... 22 mm +/- 0,15 mm

Characteristics:

- heat resistant
- broad resistance to chemicals
- UV resistant
- low moisture absorption
- produced to  
DIN 73378/74324-1

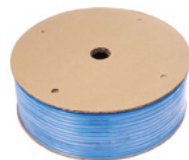
#### 50m reel



film wrapped

Model-no.	OD (mm)	ID (mm)	Wall thickness (mm)	Color	Max. pressure (bar at 23°C)	R <sub>max</sub> (mm)
44-PA12-4025-050-BK	4	2,5	0,75	black	31	20
44-PA12-6040-050-BK	6	4	1	black	27	30
44-PA12-8060-050-BK	8	6	1	black	19	40
44-PA12-1080-050-BK	10	8	1	black	15	60
44-PA12-1290-050-BK	12	9	1,5	black	19	60
44-PA12-4025-050-BU	4	2,5	0,75	blue	31	20
44-PA12-6040-050-BU	6	4	1	blue	27	30
44-PA12-8060-050-BU	8	6	1	blue	19	40
44-PA12-1080-050-BU	10	8	1	blue	15	60
44-PA12-1290-050-BU	12	9	1,5	blue	19	60

#### 100m reel



paper reel

Model-no.	OD (mm)	ID (mm)	Wall thickness (mm)	Color	Max. pressure (bar at 23°C)	R <sub>max</sub> (mm)
44-PA12-4025-100-BK	4	2,5	0,75	black	31	20
44-PA12-6040-100-BK	6	4	1	black	27	30
44-PA12-8060-100-BK	8	6	1	black	19	40
44-PA12-1080-100-BK	10	8	1	black	15	60
44-PA12-1290-100-BK	12	9	1,5	black	19	60
44-PA12-4025-100-BU	4	2,5	0,75	blue	31	20
44-PA12-6040-100-BU	6	4	1	blue	27	30
44-PA12-8060-100-BU	8	6	1	blue	19	40
44-PA12-1080-100-BU	10	8	1	blue	15	60
44-PA12-1290-100-BU	12	9	1,5	blue	19	60

Color natural (NA), green (G), red (R), orange (OR) and yellow (Y) on request.  
Other dimensions on request.



## 44-PA6

## PA-tube, PA6



Medium:  
compressed air

Material:  
Polyamid PA6

Max. pressure:  
38 bar (551 psi)

Temperature:  
-40°C ... +100°C (-40°F ... +212°F)

Temperature	+20°C	+40°C	+60°C	+80°C	+100°C
max. pressure	100%	74%	57%	47%	40%

Diameter tolerances:  
4 mm ... 10 mm +/- 0,10 mm  
11 mm ... 22 mm +/- 0,15 mm

Characteristics:

- heat resistant
- broad resistance to chemicals
- UV resistant
- low moisture absorption
- harder and not so flexible than PA12
- low-cost

### 50m reel



film wrapped

Model-no.	OD (mm)	ID (mm)	Wall thickness (mm)	Color	Max. pressure (bar at 23°C)	R <sub>max</sub> (mm)
44-PA6-4025-050-BK	4	2,5	0,75	black	31	30
44-PA6-6040-050-BK	6	4	1	black	27	45
44-PA6-8060-050-BK	8	6	1	black	19	65
44-PA6-1080-050-BK	10	8	1	black	15	80
44-PA6-1290-050-BK	12	9	1,5	black	19	100
44-PA6-4025-050-BU	4	2,5	0,75	blue	31	30
44-PA6-6040-050-BU	6	4	1	blue	27	45
44-PA6-8060-050-BU	8	6	1	blue	19	65
44-PA6-1080-050-BU	10	8	1	blue	15	80
44-PA6-1290-050-BU	12	9	1,5	blue	19	100

### 100m reel



paper reel

Model-no.	OD (mm)	ID (mm)	Wall thickness (mm)	Color	Max. pressure (bar at 23°C)	R <sub>max</sub> (mm)
44-PA6-4025-100-BK	4	2,5	0,75	black	31	30
44-PA6-6040-100-BK	6	4	1	black	27	45
44-PA6-8060-100-BK	8	6	1	black	19	65
44-PA6-1080-100-BK	10	8	1	black	15	80
44-PA6-1290-100-BK	12	9	1,5	black	19	100
44-PA6-4025-100-BU	4	2,5	0,75	blue	31	30
44-PA6-6040-100-BU	6	4	1	blue	27	45
44-PA6-8060-100-BU	8	6	1	blue	19	65
44-PA6-1080-100-BU	10	8	1	blue	15	80
44-PU6-1290-100-BU	12	9	1,5	blue	19	100

Color natural (NA), green (G), red (R), orange (OR) and yellow (Y) on request.  
Other dimensions on request.

### 44-PE

### PE-tube



Medium:  
compressed air

Material:  
LDPE Polyethylene

Max. pressure:  
15 bar (218 psi)

Temperature:  
-40°C ... +60°C (-40°F ... +140°F)

Temperature	+20°C	+30°C	+40°C	+50°C	+60°C
max. pressure	100%	83%	72%	64%	57%

Diameter tolerances:  
3 mm ... 10 mm +/- 0,10 mm  
11 mm ... 26 mm +/- 0,15 mm

Characteristics:

- good insulation performance
- broad resistance to chemicals
- moisture resistant
- physiologically harmless
- low-cost

#### 50m reel



film wrapped

Model-no.	OD (mm)	ID (mm)	Wall thickness (mm)	Color	Max. pressure (bar at 23°C)	R <sub>max</sub> (mm)
44-PE-4025-050-BK	4	2,5	0,75	black	15	20
44-PE-6040-050-BK	6	4	1	black	13	30
44-PE-8060-050-BK	8	6	1	black	10	40
44-PE-1080-050-BK	10	8	1	black	7	60
44-PE-1290-050-BK	12	9	1,5	black	10	65
44-PE-4025-050-BU	4	2,5	0,75	blue	15	20
44-PE-6040-050-BU	6	4	1	blue	13	30
44-PE-8060-050-BU	8	6	1	blue	10	40
44-PE-1080-050-BU	10	8	1	blue	7	60
44-PE-1290-050-BU	12	9	1,5	blue	10	65

#### 100m reel



paper reel

Model-no.	OD (mm)	ID (mm)	Wall thickness (mm)	Color	Max. pressure (bar at 23°C)	R <sub>max</sub> (mm)
44-PE-4025-100-BK	4	2,5	0,75	black	15	20
44-PE-6040-100-BK	6	4	1	black	13	30
44-PE-8060-100-BK	8	6	1	black	10	40
44-PE-1080-100-BK	10	8	1	black	7	60
44-PE-1290-100-BK	12	9	1,5	black	10	65
44-PE-4025-100-BU	4	2,5	0,75	blue	15	20
44-PE-6040-100-BU	6	4	1	blue	13	30
44-PE-8060-100-BU	8	6	1	blue	10	40
44-PE-1080-100-BU	10	8	1	blue	7	60
44-PE-1290-100-BU	12	9	1,5	blue	10	65

Color natural (NA), red (R) and yellow (Y) on request.  
Other dimensions on request.

### 44-2PU

### PU-twin tube, ester base, Shore A 98



Medium:  
compressed air

Material:  
Polyurethan, ester base,  
Shore A 98

Max. pressure:  
13 bar (189 psi)

Temperature:  
-40°C ... +70°C (-40°F ... +158°F)

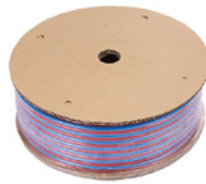
Temperature	+20°C	+30°C	+40°C	+50°C	+60°C	+70°C
max. pressure	100%	87%	72%	63%	55%	47%

Diameter tolerances:  
3 mm ... 8 mm +/- 0,10 mm  
9 mm ... 12 mm +/- 0,15 mm

Characteristics:

- perfect for pneumatic applications
- broad resistance to chemicals
- UV- and cold-resistant
- extremely flexible
- very abrasion resistant

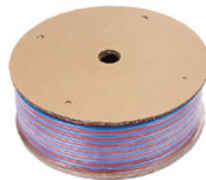
#### 50m reel



paper reel

Model-no.	OD (mm)	ID (mm)	Wall thickness (mm)	Color 1	Color 2	Max. pressure (bar at 23°C)
44-2PU-4025-050-BUBK	4	2,5	0,75	blue	black	13
44-2PU-6040-050-BUBK	6	4	1	blue	black	11
44-2PU-8055-050-BUBK	8	5,5	1,25	blue	black	10
44-2PU-1075-050-BUBK	10	7,5	1,25	blue	black	8
44-2PU-1280-050-BUBK	12	8	2	blue	black	10

#### 100m reel



paper reel

Model-no.	OD (mm)	ID (mm)	Wall thickness (mm)	Color 1	Color 2	Max. pressure (bar at 23°C)
44-2PU-4025-100-BUBK	4	2,5	0,75	blue	black	13
44-2PU-6040-100-BUBK	6	4	1	blue	black	11
44-2PU-8055-100-BUBK	8	5,5	1,25	blue	black	10
44-2PU-1075-100-BUBK	10	7,5	1,25	blue	black	8
44-2PU-1280-100-BUBK	12	8	2	blue	black	10

Color green (G), red (R) and yellow (Y) on request.  
Other dimensions on request.

### 44-2PUH

### PU-twin tube, ether base, Shore A 95



Medium:  
compressed air

Material:  
Polyurethan, ether base,  
Shore A 95

Max. pressure:  
12 bar (174 psi)

Temperature:  
-40°C ... +70°C (-40°F ... +158°F)

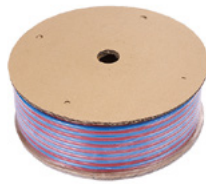
Temperature	+20°C	+30°C	+40°C	+50°C	+60°C	+70°C
max. pressure	100%	87%	72%	63%	55%	47%

Diameter tolerances:  
3 mm ... 8 mm +/- 0,10 mm  
9 mm ... 12 mm +/- 0,15 mm

Characteristics:

- broad resistance to water, moisture and fungus
- extremely flexible
- very abrasion resistant

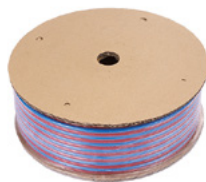
#### 50m reel



paper reel

Model-no.	OD (mm)	ID (mm)	Wall thickness (mm)	Color 1	Color 2	Max. pressure (bar at 23°C)
44-2PUH-4025-050-BUBK	4	2,5	0,75	blue	black	13
44-2PUH-6040-050-BUBK	6	4	1	blue	black	11
44-2PUH-8055-050-BUBK	8	5,5	1,25	blue	black	10
44-2PUH-1075-050-BUBK	10	7,5	1,25	blue	black	8
44-2PUH-1280-050-BUBK	12	8	2	blue	black	10

#### 100m reel



paper reel

Model-no.	OD (mm)	ID (mm)	Wall thickness (mm)	Color 1	Color 2	Max. pressure (bar at 23°C)
44-2PUH-4025-100-BUBK	4	2,5	0,75	blue	black	13
44-2PUH-6040-100-BUBK	6	4	1	blue	black	11
44-2PUH-8055-100-BUBK	8	5,5	1,25	blue	black	10
44-2PUH-1075-100-BUBK	10	7,5	1,25	blue	black	8
44-2PUH-1280-100-BUBK	12	8	2	blue	black	10

Color green (G), red (R) and yellow (Y) on request.  
Other dimensions on request.

### 44-UBS PU-braid tube, ester base, Shore A 85



Medium:  
compressed air

Material:  
Polyurethan, ester base,  
mesh polyester braiding,  
Shore A 85


Max. pressure:  
15 bar (218 psi)


Temperature:  
-40°C ... +60°C (-40°F ... +140°F)

Temperature	+20°C	+30°C	+40°C	+50°C	+60°C
max. pressure	100%	87%	72%	63%	55%

Characteristics:

- flexible
- lightweight
- very abrasion resistant
- torsion proof

20m reel	Model-no.	OD (mm)	ID (mm)	Wall thickness (mm)	Color	Max. pressure (bar at 23°C)
 <p>film wrapped</p>	44-UBS-8050-020-BU	8	5	1,5	blue	15
	44-UBS-1065-020-BU	10	6,5	1,75	blue	15
	44-UBS-1280-020-BU	12	8	2	blue	15
	44-UBS-1510-020-BU	15	10	2,5	blue	15
	44-UBS-1611-020-BU	16	11	2,5	blue	15
	44-UBS-1813-020-BU	18	13	2,5	blue	15

50m reel	Model-no.	OD (mm)	ID (mm)	Wall thickness (mm)	Color	Max. pressure (bar at 23°C)
 <p>box</p>	44-UBS-8050-050-BU	8	5	1,5	blue	15
	44-UBS-1065-050-BU	10	6,5	1,75	blue	15
	44-UBS-1280-050-BU	12	8	2	blue	15
	44-UBS-1510-050-BU	15	10	2,5	blue	15
	44-UBS-1611-050-BU	16	11	2,5	blue	15
	44-UBS-1813-050-BU	18	13	2,5	blue	15

Color transparent (C), black (BK), yellow (Y), orange (OR), red (R), blue-transparent (CB) and yellow-transparent (CY) on request.  
Other dimensions on request.

### 44-UBE PU-braid tube, ether base, Shore A 85



Medium:  
compressed air

Material:  
Polyurethan, ether base,  
mesh polyester braiding,  
Shore A 85


Max. pressure:  
15 bar (218 psi)


Temperature:  
-40°C ... +60°C (-40°F ... +140°F)

Temperature	+20°C	+30°C	+40°C	+50°C	+60°C
max. pressure	100%	87%	72%	63%	55%

Characteristics:

- flexible
- lightweight
- broad resistance to water, moisture and fungus
- very abrasion resistant
- torsion proof

20m reel	Model-no.	OD (mm)	ID (mm)	Wall thickness (mm)	Color	Max. pressure (bar at 23°C)
 <p>film wrapped</p>	44-UBE-8050-020-BU	8	5	1,5	blue	15
	44-UBE-1065-020-BU	10	6,5	1,75	blue	15
	44-UBE-1280-020-BU	12	8	2	blue	15
	44-UBE-1510-020-BU	15	10	2,5	blue	15
	44-UBE-1611-020-BU	16	11	2,5	blue	15
	44-UBE-1813-020-BU	18	13	2,5	blue	15

50m reel	Model-no.	OD (mm)	ID (mm)	Wall thickness (mm)	Color	Max. pressure (bar at 23°C)
 <p>box</p>	44-UBE-8050-050-BU	8	5	1,5	blue	15
	44-UBE-1065-050-BU	10	6,5	1,75	blue	15
	44-UBE-1280-050-BU	12	8	2	blue	15
	44-UBE-1510-050-BU	15	10	2,5	blue	15
	44-UBE-1611-050-BU	16	11	2,5	blue	15
	44-UBE-1813-050-BU	18	13	2,5	blue	15

Color transparent (C), black (BK), yellow (Y), orange (OR), red (R), blue-transparent (CB) and yellow-transparent (CY) on request.  
Other dimensions on request.

### 44-UWS

### PU-tube, spatter hose



Medium:  
compressed air

Material:  
Polyurethan, ester base,  
Shore A 98, with specially  
formulated flame retard-  
ant cover

Max. pressure:  
13 bar (189 psi)


Temperature:  
-40°C ... +70°C (-40°F ... +158°F)

Temperature	+20°C	+30°C	+40°C	+50°C	+60°C	+70°C
max. pressure	100%	87%	72%	63%	55%	47%


Diameter tolerances:  
3 mm ... 8 mm +/- 0,10 mm  
9 mm ... 12 mm +/- 0,15 mm

Characteristics:

- flame- and spatter-protected according to UL 94 V0
- UV- resistant
- ozone-resistant
- low-temperature resistance

50m reel	Model-no.	OD* (mm)	ID* (mm)	Wall thickness* (mm)	Color**	Max. pressure (bar at 23°C)	R <sub>max</sub> (mm)
	44-UWS-6040-050-GY	6	4	1	grey	11	20
	44-UWS-8050-050-GY	8	5	1,5	grey	13	30
	44-UWS-1065-050-GY	10	6,5	1,75	grey	11	35
	44-UWS-1280-050-GY	12	8	2	grey	10	45

paper reel

100m reel	Model-no.	OD* (mm)	ID* (mm)	Wall thickness* (mm)	Color**	Max. pressure (bar at 23°C)	R <sub>max</sub> (mm)
	44-UWS-6040-100-GY	6	4	1	grey	11	20
	44-UWS-8050-100-GY	8	5	1,5	grey	13	30
	44-UWS-1065-100-GY	10	6,5	1,75	grey	11	35
	44-UWS-1280-100-GY	12	8	2	grey	10	45

paper reel

\* Datas for the inner PU98 tube.

\*\* Datas for the PVC protection jacket.

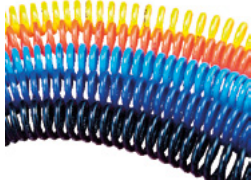
Color transparent (C), grey (GY), green (G), red (R), orange (OR) and yellow (Y) on request.

Other dimensions on request.



### 44-SPA-PU

### PU re-coil hose, ester base, Shore A 98



Medium:  
compressed air

Material:  
Polyurethan, ester base,  
Shore A 98,

Max. pressure:  
13 bar (189 psi)

Temperature:  
-40°C ... +70°C (-40°F ... +158°F)

Temperature	+20°C	+30°C	+40°C	+50°C	+60°C	+70°C
max. pressure	100%	87%	72%	63%	55%	47%

Working length:  
ca. 70%-80% of material length

Characteristics:

- perfect for pneumatic applications
- broad resistance to chemicals
- UV- and cold-resistant
- extremely flexible
- very abrasion resistant

Model-no.	OD (mm)	ID (mm)	Material length (m)	ID Hose (mm)	Color	Max. pressure (bar at 23°C)
44-SPA-PU8050-05BU	8	5	5	35	blue	13
44-SPA-PU8050-08BU	8	5	8	35	blue	13
44-SPA-PU8050-12BU	8	5	12	35	blue	13
44-SPA-PU8050-15BU	8	5	15	35	blue	13
44-SPA-PU1065-06BU	10	6,5	6	50	blue	11
44-SPA-PU1065-08BU	10	6,5	8	50	blue	11
44-SPA-PU1065-10BU	10	6,5	10	50	blue	11
44-SPA-PU1065-12BU	10	6,5	12	50	blue	11
44-SPA-PU1280-06BU	12	8	6	60	blue	10
44-SPA-PU1280-08BU	12	8	8	60	blue	10
44-SPA-PU1280-10BU	12	8	10	60	blue	10
44-SPA-PU1280-12BU	12	8	12	60	blue	10



film wrapped



Tail style **Form A**  
**Standard**

1 x short, 1 x long  
(150mm, 300mm)



Tail style **Form B**

2 x short,  
(100mm)



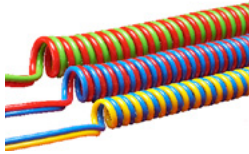
Tail style **Form C**

2 x without extensions

Tail style Form B and C on request.  
Color black (BK), yellow (Y), orange (OR) and red (R) on request.  
Other dimensions on request.

### 44-SPA-2PU

### PU re-coil twin hose, ester base, Shore A 98



Medium:  
compressed air

Material:  
Polyurethan, ester base,  
Shore A 98,

Max. pressure:  
13 bar (189 psi)

Temperature:  
-40°C ... +70°C (-40°F ... +158°F)

Temperature	+20°C	+30°C	+40°C	+50°C	+60°C	+70°C
max. pressure	100%	87%	72%	63%	55%	47%

Working length:  
ca. 70%-80% of material length

Characteristics:

- perfect for pneumatic applications
- broad resistance to chemicals
- UV- and cold-resistant
- extremely flexible
- very abrasion resistant

Model-no.	OD (mm)	ID (mm)	Material length (m)	ID Hose (mm)	Color	Max. pressure (bar at 23°C)
44-SPA-2PU8050-05BB	8	5	5	35	blue/black	13
44-SPA-2PU8050-08BB	8	5	8	35	blue/black	13
44-SPA-2PU8050-12BB	8	5	12	35	blue/black	13
44-SPA-2PU8050-15BB	8	5	15	35	blue/black	13
44-SPA-2PU1065-06BB	10	6,5	6	50	blue/black	11
44-SPA-2PU1065-08BB	10	6,5	8	50	blue/black	11
44-SPA-2PU1065-10BB	10	6,5	10	50	blue/black	11
44-SPA-2PU1065-12BB	10	6,5	12	50	blue/black	11
44-SPA-2PU1280-06BB	12	8	6	60	blue/black	10
44-SPA-2PU1280-08BB	12	8	8	60	blue/black	10
44-SPA-2PU1280-10BB	12	8	10	60	blue/black	10



film wrapped



Tail style **Form A**  
**Standard**

1 x short, 1 x long  
(150mm, 300mm)



Tail style **Form B**

2 x short,  
(100mm)



Tail style **Form C**

2 x without extensions

Tail style Form B and C on request.  
Color green (G), yellow (Y) and red (R) on request.  
Other dimensions on request.

### 44-SPA-PUB

### PU braid re-coil hose, ester base, Shore A 85



Medium:  
compressed air

Material:  
Polyurethan, ester base,  
mesh polyester braiding,  
Shore A 85

Max. pressure:  
15 bar (218 psi)

Temperature:  
-40°C ... +60°C (-40°F ... +140°F)

Temperature	+20°C	+30°C	+40°C	+50°C	+60°C
max. pressure	100%	87%	72%	63%	55%

Working length:  
ca. 70%-80% of material length

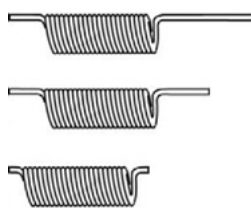
Characteristics:

- flexible
- lightweight
- broad resistance to water, moisture and fungus
- very abrasion resistant
- torsion proof

Model-no.	OD (mm)	ID (mm)	Material length (m)	ID Hose (mm)	Color	Max. pressure (bar at 23°C)
44-SPA-PUB8050-06BU	8	5	6	35	blue	15
44-SPA-PUB8050-08BU	8	5	8	35	blue	15
44-SPA-PUB8050-12BU	8	5	12	35	blue	15
44-SPA-PUB8050-15BU	8	5	15	35	blue	15
44-SPA-PUB1065-06BU	10	6,5	6	50	blue	15
44-SPA-PUB1065-08BU	10	6,5	8	50	blue	15
44-SPA-PUB1065-12BU	10	6,5	12	50	blue	15
44-SPA-PUB1065-15BU	10	6,5	15	50	blue	15
44-SPA-PUB1280-06BU	12	8	6	60	blue	15
44-SPA-PUB1280-08BU	12	8	8	60	blue	15
44-SPA-PUB1280-12BU	12	8	12	60	blue	15
44-SPA-PUB1280-15BU	12	8	15	60	blue	15
44-SPA-PUB1510-06BU	15	10	6	76	blue	15
44-SPA-PUB1510-08BU	15	10	8	76	blue	15
44-SPA-PUB1510-12BU	15	10	12	76	blue	15
44-SPA-PUB1510-15BU	15	10	15	76	blue	15



film wrapped



Tail style **Form A**  
**Standard**

1 x short, 1 x long  
(150mm, 300mm)

Tail style **Form B**

2 x short,  
(100mm)

Tail style **Form C**

2 x without extensions

Tail style Form B and C on request.

Color clear (C), black (BK), grey (GY), orange (OR, red (R) and yellow (Y) on request.  
Other dimensions on request.

### 44-SPA-UWS

### PU spatter re-coil hose



Medium:  
compressed air

Material:  
Polyurethan, ester base,  
Shore A 98, with specially  
formulated flame retardant  
cover

Max. pressure:  
13 bar (189 psi)

Temperature:  
-40°C ... +70°C (-40°F ... +158°F)

Temperature	+20°C	+30°C	+40°C	+50°C	+60°C	+70°C
max. pressure	100%	87%	72%	63%	55%	47%

Working length:  
ca. 70% of material length

Characteristics:

- flame- and spatter-protected according to UL 94 V0
- UV- resistant
- ozone-resistant
- low-temperature resistance

Model-no.	OD (mm)	ID (mm)	Material length (m)	ID Hose (mm)	Color	Max. pressure (bar at 23°C)
44-SP-UWS-6040-4-GY	6	4	4	15	grey	11
44-SP-UWS-6040-8-GY	6	4	8	15	grey	11
44-SP-UWS-6040-12-GY	6	4	12	15	grey	11
44-SP-UWS-8050-4-GY	8	5	4	20	grey	13
44-SP-UWS-8050-8-GY	8	5	8	20	grey	13
44-SP-UWS-8050-12-GY	8	5	12	20	grey	13
44-SP-UWS-1065-4-GY	10	6,5	4	30	grey	11
44-SP-UWS-1065-8-GY	10	6,5	8	30	grey	11
44-SP-UWS-1065-12-GY	10	6,5	12	30	grey	11
44-SP-UWS-1280-4-GY	12	8	4	35	grey	10
44-SP-UWS-1280-8-GY	12	8	8	35	grey	10
44-SP-UWS-1280-12-GY	12	8	12	35	grey	10



film wrapped



Tail style **Form A**  
**Standard**

1 x short, 1 x long  
(150mm, 300mm)

Tail style Form B and C on request.  
Color green (G), yellow (Y) and red (R) on request.  
Other dimensions on request.

### 44-SP-PA

### PA re-coil hose, PA12



Medium:  
compressed air  
Material:  
Polyamid PA12  
Max. pressure:  
15 bar (218 psi)

Temperature:  
-40°C ... +80°C (-40°F ... +176°F)

Temperature	+20°C	+40°C	+60°C	+80°C
max. pressure	100%	87%	72%	63%

Working length:  
ca. 40% of material length

- Characteristics:
- temperature-resistant
  - resistance to chemical
  - UV-resistance
  - low moisture absorption
  - high restoring force
  - excellent form stability

Model-no.	OD (mm)	ID (mm)	Material length (m)	ID Hose (mm)	Color	Max. pressure (bar at 23°C)
44-SP-PA6040-50-BK	6	4	5	60	black	27
44-SP-PA6040-75-BK	6	4	7,5	60	black	27
44-SP-PA8060-50-BK	8	6	5	76	black	19
44-SP-PA8060-75-BK	8	6	7,5	76	black	19
44-SP-PA8060-120-BK	8	6	12	76	black	19
44-SP-PA1080-75-BK	10	8	7,5	76	black	15
44-SP-PA1080-120-BK	10	8	12	76	black	15
44-SP-PA1080-150-BK	10	8	15	76	black	15
44-SP-PA1290-75-BK	12	9	7,5	76	black	19
44-SP-PA1290-120-BK	12	9	12	76	black	19
44-SP-PA1290-150-BK	12	9	15	76	black	19



film wrapped



Tail style  
**Standard**

2 x without extensions

Color blue (BU), natural (NA), green (G), yellow (Y), orange (OR) and red (R) on request.  
Other dimensions on request.

### 44-SPA-PU-x

### PU re-coil hose Set, ester base, Shore A 98



Medium:  
compressed air

Material:  
Polyurethan, ester base,  
Shore A 98,

Max. pressure:  
13 bar (189 psi)

Temperature:  
-40°C ... +70°C (-40°F ... +158°F)

Temperature	+20°C	+30°C	+40°C	+50°C	+60°C	+70°C
max. pressure	100%	87%	72%	63%	55%	47%

Working length:  
ca. 70%-80% of material length

Characteristics:

- perfect for pneumatic applications
- broad resistance to chemicals
- UV- and cold-resistant
- extremely flexible
- very abrasion resistant

Set 0  
consisting of:

44-AFDS      44-SPA-PU      44-AFDS



Model-no.	OD (mm)	ID (mm)	Material length (m)	ID Hose (mm)	Color	Max. pressure (bar at 23°C)
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44-SPA-PU8050-08BU-0	8	5	8	35	blue	13
44-SPA-PU1065-08BU-0	10	6,5	8	50	blue	11

Set 2  
consisting of:

44-AOP-P      44-SPA-PU      44-AUEC-P



Model-no.	OD (mm)	ID (mm)	Material length (m)	ID Hose (mm)	Color	Max. pressure (bar at 23°C)
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44-SPA-PU8050-08BU-2	8	5	8	35	blue	13
44-SPA-PU1065-08BU-2	10	6,5	8	50	blue	11

Set 3  
consisting of:

44-AOP-P      44-SPA-PU      44-AUEC-P      44-AOP-M      44-AKS-10



Model-no.	OD (mm)	ID (mm)	Material length (m)	ID Hose (mm)	Color	Max. pressure (bar at 23°C)
-----------	---------	---------	---------------------	--------------	-------	-----------------------------

44-SPA-PU8050-08BU-3	8	5	8	35	blue	13
44-SPA-PU1065-08BU-3	10	6,5	8	50	blue	11

Set 4  
consisting of:

44-AOP-F      44-AFCS      44-SPA-PU      44-AFCS      44-AUEC-F



Model-no.	OD (mm)	ID (mm)	Material length (m)	ID Hose (mm)	Color	Max. pressure (bar at 23°C)
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44-SPA-PU8050-08BU-4	8	5	8	35	blue	13
44-SPA-PU1065-08BU-4	10	6,5	8	50	blue	11

Set 5  
consisting of:

44-AOP-F      44-AFCS      44-SPA-PU      44-AFCS      44-AUEC-F



44-AOP-M      44-AKS-10





Model-no.	OD (mm)	ID (mm)	Material length (m)	ID Hose (mm)	Color	Max. pressure (bar at 23°C)
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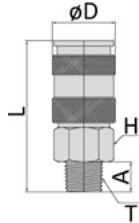
44-SPA-PU8050-08BU-5	8	5	8	35	blue	13
44-SPA-PU1065-08BU-5	10	6,5	8	50	blue	11

# Tubes

## PU-tube

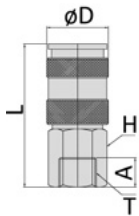
Set 6 consisting of:					Model-no.	OD (mm)	ID (mm)	Material length (m)	ID Hose (mm)	Color	Max. pressure (bar at 23°C)
44-AOP-F	44-AFDS	44-SPA-PU	44-AFDS	44-AUEC-F	44-SPA-PU8050-08BU-6	8	5	8	35	blue	13
					44-SPA-PU1065-08BU-6	10	6,5	8	50	blue	11
					44-AOP-M    44-AKS-10 						

**44-AUEC-M** Quick coupling, male thread  
ID 7,2 mm, brass nickel-plated



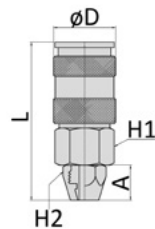
Model-no.	T	ØD	L	A	H
44-AUEC-M-14	R1/4	23	55,5	11	19
44-AUEC-M-38	R3/8	23	57	12,5	19
44-AUEC-M-12	R1/2	23	53,8	14	21

**44-AUEC-F** Quick coupling, female thread  
ID 7,2 mm, brass nickel-plated



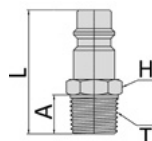
Model-no.	T	ØD	L	A	H
44-AUEC-F-14	R1/4	23	53,6	11	19
44-AUEC-F-38	R3/8	23	53,6	12,5	19
44-AUEC-F-12	R1/2	23	56	14	24

**44-AUEC-P** Quick coupling, tube connector  
ID 7,2 mm, brass nickel-plated



Model-no.	Hose	ØD	L	A	H1	H2
44-AUEC-P-8050	8/5	23	58,6	13	19	14
44-AUEC-P-1065	10/6,5	23	65	18,5	19	17
44-AUEC-P-1280	12/8	23	66,5	20	19	19

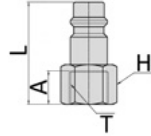
**44-AOP-M** Plug adaptor, male thread  
ID 7,2 mm, brass nickel-plated



Model-no.	T	L	A	H
44-AOP-M-14	R1/4	36	11	14
44-AOP-M-38	R3/8	38,5	12,5	17
44-AOP-M-12	R1/2	41	14	21

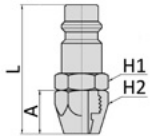


## 44-AOP-F Plug adaptor, female thread ID 7,2 mm, brass nickel-plated



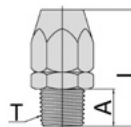
Model-no.	T	L	A	H
44-AOP-F-14	R1/4	33,5	17	14
44-AOP-F-38	R3/8	37	19	17
44-AOP-F-12	R1/2	41	24	21

## 44-AOP-P Plug adaptor, tube connector ID 7,2 mm, brass nickel-plated



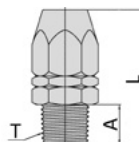
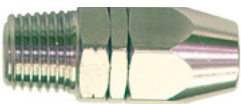
Model-no.	Hose	L	A	H
44-AOP-P-8050	8/5	38,5	13	14
44-AOP-P-1065	10/6,5	44	18,5	17
44-AOP-P-1280	12/8	45,5	20	17

## 44-AFA Tube fitting, male thread brass nickel-plated



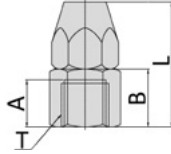
Model-no.	Hose	T	L	A
44-AFA-8050-14	8/5	R1/4	29	11
44-AFA-1065-14	10/6,5	R1/4	34,5	11
44-AFA-1065-38	10/6,5	R3/8	36	12,5
44-AFA-1280-14	12/8	R1/4	36	11
44-AFA-1280-38	12/8	R3/8	37,5	12,5

## 44-AFAS-B Tube fitting, rotatable, male thread brass nickel-plated, ball bearing



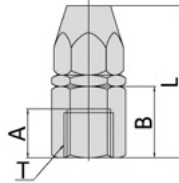
Model-no.	Hose	T	L	A
44-AFAS-8050-14-B	8/5	R1/4	32	11
44-AFAS-1065-14-B	10/6,5	R1/4	37,5	11
44-AFAS-1065-38-B	10/6,5	R3/8	39	12,5
44-AFAS-1280-14-B	12/8	R1/4	38	11
44-AFAS-1280-38-B	12/8	R3/8	40,5	12,5

**44-AFB** Tube fitting, female thread  
brass nickel-plated



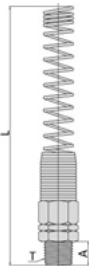
Model-no.	Hose	T	B	L	A
44-AFB-8050-14	8/5	R1/4	16	29	11
44-AFB-1065-14	10/6,5	R1/4	16	34,5	11
44-AFB-1280-14	12/8	R1/4	16	36	11

**44-AFBS-B** Tube fitting, rotatable, female thread  
brass nickel-plated, ball bearing



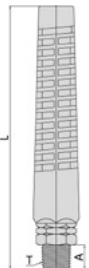
Model-no.	Hose	T	B	L	A
44-AFBS-8050-14-B	8/5	R1/4	19	35	11
44-AFBS-1065-14-B	10/6,5	R1/4	19	40,5	11
44-AFBS-1280-14-B	12/8	R1/4	19	42	11

**44-AFDS-B** Tube fitting, rotatable, male thread  
brass nickel-plated, ball bearing, spring guard



Model-no.	Hose	T	L	A
44-AFDS-8050-14-B	8/5	R1/4	119	11
44-AFDS-1065-14-B	10/6,5	R1/4	120	11
44-AFDS-1065-38-B	10/6,5	R3/8	121,5	12,5
44-AFDS-1280-14-B	12/8	R1/4	122	11
44-AFDS-1280-38-B	12/8	R3/8	123,5	12,5

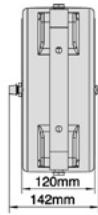
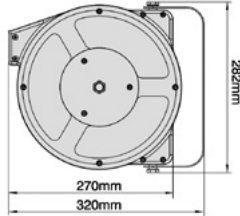
**44-AFCS-B** Tube fitting, rotatable, male thread  
brass nickel-plated, ball bearing, plastic guard



Model-no.	Hose	T	L	A
44-AFCS-8050-14-B	8/5	R1/4	114	11
44-AFCS-1065-14-B	10/6,5	R1/4	108	11
44-AFCS-1065-38-B	10/6,5	R3/8	109,5	12,5
44-AFCS-1280-14-B	12/8	R1/4	116	11
44-AFCS-1280-38-B	12/8	R3/8	117,5	12,5

## 44-SAR-12

Hose reel, automatically  
plastic housing, wall mounting, including fixing materials



Model-no. 44-SAR-12-PUB1006512

### Hose

Material	PU, mesh polyester braiding
Color	yellow
Diameter	10/6,5
Length	12 m
Connection	R1/4 male, plastic guard
Max. working pressure	15 bar (218 psi)
Burst pressure	60 bar (870 psi)
Working temperature	-5°C ... +60°C (+23°F ... +140°F)

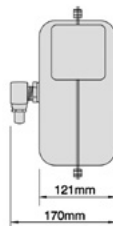
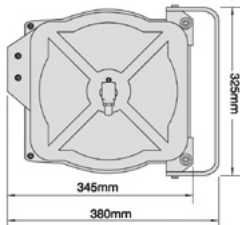
### Housing

Material	ABS
Color	yellow
Connection	R1/4, male, 0,5 m hose length

Weight ca. 8 kg (17,64 lbs.)

## 44-SAR-04

Hose reel, automatically  
steel housing, wall mounting, including fixing materials



Model-no. 44-SAR-04-PUB1208012 44-SAR-04-PUB1208015 44-SAR-04-PUB151010

### Hose

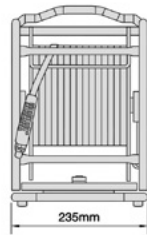
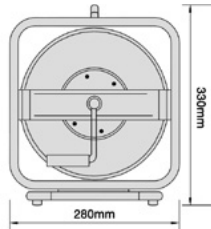
Material	PU, mesh polyester braiding		
Color	blue		
Diameter	12/8	12/8	15/10
Length	12 m	15 m	10 m
Connection	R1/4 male, spring guard		
Max. working pressure	15 bar (218 psi)		
Burst pressure	60 bar (870 psi)		
Working temperature	-5°C ... +60°C (+23°F ... +140°F)		

### Housing

Material	steel
Color	blue, powder-coated
Connection	R1/4, male, 0,5 m hose length

Weight ca. 9 kg (19,84 lbs.) ca. 10 kg (22,05 lbs.) ca. 9 kg (19,84 lbs.)

## 44-MAR-02 Hose reel, manual steel housing, transportable



Model-no.	44-MAR-02-PUB128030	44-MAR-02-PUB151020	44-MAR-02-PUB161120
<b>Hose</b>			
Material	PU, mesh polyester braiding		
Color	blue		
Diameter	12/8	15/10	16/11
Length	30 m	20 m	20 m
Connection	R1/4 male, plastic guard	R3/8 male, plastic guard	
Max. working pressure	15 bar (218 psi)		
Burst pressure	60 bar (870 psi)		
Working temperature	-5°C ... +60°C (+23°F ... +140°F)		
<b>Housing</b>			
Material	steel, steel tube frame		
Color	black		
Connection	R1/4, male	R3/8, male	R3/8, male
	1,1 m hose length		
Weight	ca. 9 kg (19,84 lbs.)	ca. 9 kg (19,84 lbs.)	ca. 10 kg (22,05 lbs.)

## 44-AKS Air gun plastic



Model-no.	T
44-AKS-10	R1/4

## 44-ADG Air gun aluminium



Model-no.	T
44-ADG-10	R1/4











## 44-SAS Tube cutter plastic



Model-no.	D <sub>max.</sub>
44-SAS-14	14
44-SAS-14-KL-5	blades for tube cutter (5 pcs.)

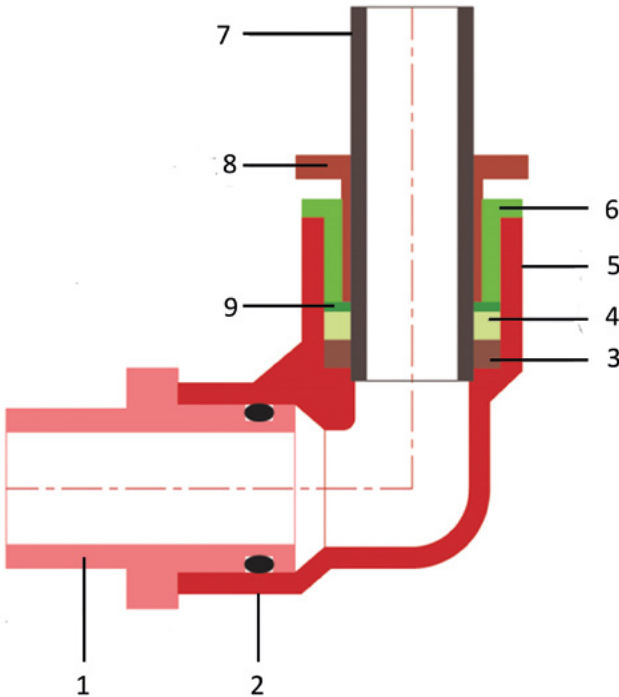
Series **blue C-line**

**44 - PU98 - 8060 - 050 - BU**

Material and characteristics		Diameter			Length		Color	
		outer	inner					
PE	Polyethylene	4025	4mm	2,5mm	020	20m	BK	 black
PU98	Polyurethan, ester base, Shore A 98	6040	6mm	4mm	050	50m	BU	 blue
PU95	Polyurethan, ether base, Shore A 95	8050	8mm	5mm	100	100m	C	transparent
PA12	Polyamid PA12	8055	8mm	5,5mm	500	500m	S	 silver
PA6	Polyamid PA6	8060	8mm	6mm			G	 green
UWS	Polyurethan, PVC jacketed, spatter-protected	1065	10mm	6,5mm			R	 red
UBS	Polyurethan, ester base, mesh polyester braiding	1075	10mm	7,5mm			Y	 yellow
UBE	Polyurethan, ether base, mesh polyester braiding	1280	12mm	8mm			GY	 grey
2PU	Polyurethan twin tube, ester base, Shore A 98	1290	12mm	9mm			OR	 orange
2PUH	Polyurethan twin tube, ether base, Shore A 95	1510	15mm	10mm			NA	natural
SP	re-coil hose	1611	16mm	11mm			CB	 blue, transparent
SP2	re-coil twin hose	1913	19mm	13mm			CY	 yellow, transparent

44-APx

**Construction**

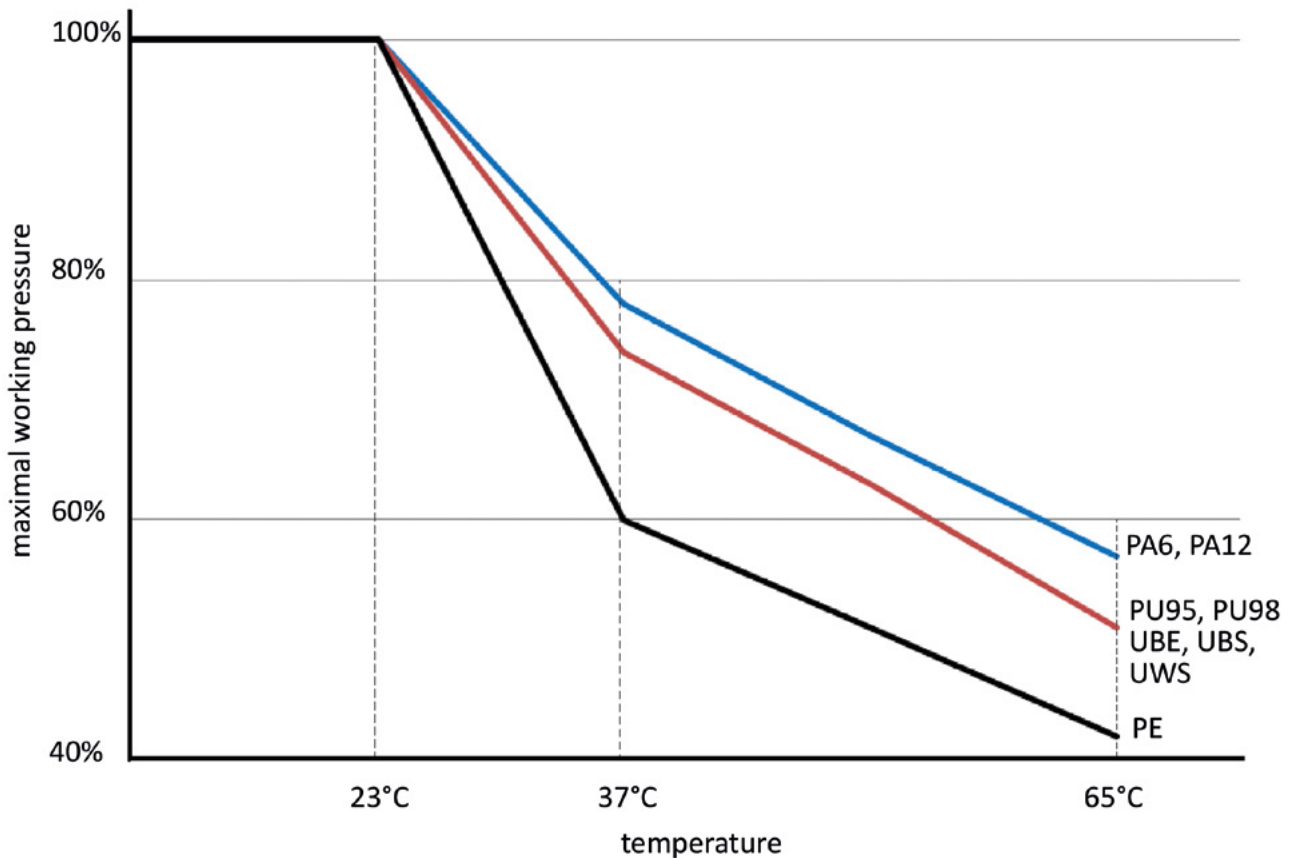


- 1 Metal body (brass, nickel-plated)
- 2 O-Ring (NBR)
- 3 Seal (NBR)
- 4 Back ring
- 5 Plastic body (POM)
- 6 Collar (Zn)
- 7 Tube
- 8 Sleeve
- 9 Claw (stainless steel)

**Specification**

Working pressure	-0,95 ... 10 bar
Working temperature	0°C ... +60°C
Fluid type	compressed air

**Maximum working pressure in dependence of the working temperature for plastic hoses**



# Technical information

## Chemical resistance chart



	PA	PU98	PU95	PE	PVC		PA	PU98	PU95	PE	PVC
Acetaldehyde	1	3	1	3	-	Hydrochloric acid (cold)	-	1	1	1	1
Acetic acid	3	3	1	2	3	Hydrochloric acid (hot)	1	2	2	1	3
Acetone	1	1	3	2	3	Hydrogen gas	-	2	2	-	1
Acetylene	-	3	3	2	1	Isopropyl acetate	-	1	1	1	2
Aluminium chloride	-	2	2	3	1	Isopropyl alcohol	-	1	1	1	1
Aluminium nitrate	-	2	2	-	-	Kerosine	-	2	2	3	3
Ammonia gas (could)	1	3	1	2	1	Linseed oil	-	3	3	1	-
Ammonia, free from water	1	3	3	1	1	Lubricating oil	-	1	1	2	1
Ammonium chloride	-	3	1	2	1	Magnesium chloride	-	1	1	-	1
Ammonium sulphate	-	3	1	1	1	Magnesium hydroxide	-	3	3	-	1
Amyl alcohol	1	3	3	1	1	Methane	-	1	1	3	1
Animal fat	-	1	1	-	1	Methyl acetate	-	1	1	2	1
Aqua regia	-	3	3	2	1	Methyl acrylate	-	1	1	2	1
ASTM fuel A	1	1	1	-	-	Methyl alcohol	3	3	3	2	-
ASTM fuel B	1	1	1	-	-	Methyl chloride	3	3	3	2	-
ASTM fuel C	1	1	1	1	1	Methyl ethyl ketone	-	1	1	-	1
Barium chloride	-	1	1	1	1	Methylen chloride	3	3	3	-	1
Beer	1	3	1	1	1	Naphthalene	-	2	2	-	-
Benzol	1	3	3	1	3	Natural gas	-	1	1	-	1
Borax	1	1	1	1	2	Nitric acid (conc.)	-	1	1	2	1
Boric acid	1	1	1	1	1	Nitric acid (dilute)	-	1	1	2	1
Brake fluid	1	3	3	3	3	Nitrogen	-	1	1	2	1
Brine	-	2	2	3	1	Oleic acid	1	1	1	2	3
Butane	1	1	1	3	3	Olive oil	-	3	3	1	3
Butyl alcohol	1	3	2	3	3	Perchloroethylene	-	3	3	-	3
Calcium chloride	1	1	1	2	1	Petrol	-	3	2	-	-
Calcium hydroxide	-	1	1	2	1	Phosphoric acid 45%	-	2	2	-	1
Calcium nitrate	1	1	1	-	-	Potassium chloride	-	1	1	1	1
Calcium sulphide	-	1	1	-	-	Potassium hydroxide	3	3	3	1	1
Carbon tetrachloride	3	3	3	2	-	Propane	1	3	3	3	1
Carbonic acid	-	1	1	2	-	Rape oil	-	2	2	-	-
Caster oil	-	1	1	-	-	Salt-water	1	2	2	1	3
Chlorine (dry)	3	3	3	2	1	Silicone oil	-	1	1	1	3
Chlorine (wet)	3	3	3	-	1	Silver nitrate	-	1	1	2	3
Chloroform	2	3	3	2	3	Soap solution	1	3	3	3	3
Chromic acid	3	3	3	1	1	Sodium chloride	1	1	1	1	1
Citric acid	1	1	1	1	1	Sodium hydroxide	2	3	3	2	3
Cod-liver oil	-	1	1	-	-	Sodium peroxide	-	3	3	1	1
Compressed air	1	1	1	1	1	Sodium phosphate	-	1	1	-	2
Copper chloride	-	1	1	2	1	Sodium sulphate	-	1	1	1	1
Copra oil	-	2	2	-	3	Soy bean oil	-	2	2	1	-
Cyclohexane	1	1	1	2	3	Sulphuric acid (conc.)	-	3	3	3	1
Diesel oil	-	3	3	3	1	Sulphuric acid (dilute)	-	3	3	1	1
Ethylene chloride	-	3	3	1	3	Sulphurous acid	-	3	3	2	3
Ethylene oxide	-	3	3	2	3	Tannic acid	-	1	1	2	1
Ethylene-glycol	-	3	3	1	3	Tetrachlorethylene	-	3	3	2	1
Formaldehyde	-	3	3	-	-	Toluol	1	3	3	3	1
Formic acid	3	3	3	-	-	Transformer oil	-	1	1	-	1
Freon 11	-	1	1	1	1	Transmission oil Type A	-	1	1	-	-
Freon 12	-	1	1	1	1	Turpentine	1	3	3	3	1
Freon 22	-	3	3	3	1	Water	1	3	1	1	2
Glycerin	-	3	3	2	1	Xylene	2	3	3	3	1
Glycol	-	2	2	1	1	Zinc acetate	-	3	3	1	1
Hydraulic oil	-	3	3	1	1	Zinc chloride	1	1	1	-	3

- 1 Little or no impact
- 2 Moderate effect
- 3 Severe effect
- Not tested

The following ratings are very general guidelines and designed only to be used as an initial screening tool. Careful testing under actual conditions essential.

Model	Page	Model	Page	Model	Page
40-90	37	44-APHF	13	44-PE	46
40-251	40	44-APH-G	12	44-PU95	43
40-252	40	44-APIG	21	44-PU98	42
40-253	40	44-APKD	18	44-SAR-04	62
40-254	41	44-APKD-G	18	44-SAR-12	62
40-254-1	41	44-APKG	21	44-SAS	63
40-271	37	44-APL	9	44-SPA-2PU	53
40-272	37	44-APL-C	24	44-SPA-PU	52
40-273	38	44-APLF	11	44-SPA-PUB	54
40-274	38	44-APL-G	9	44-SPA-PU-x	57/58
40-275	38	44-APLJ	22	44-SPA-UWS	55
40-276	39	44-APLL	10	44-SP-PA	56
40-277	39	44-APLL-G	10	44-UBE	50
40-278	39	44-APLM	19	44-UBS	49
40-279	39	44-APMF	8	44-UWS	51
40-279-1	40	44-APMM	19	44-XPH-2-G	12
40-350	34	44-APMM-C	25	44-XPH-3-G	13
40-351	34	44-APOC	7	44-XSC-O-G	29
40-354	35	44-APOC-C	23		
40-355	35	44-APOC-G	7		
40-356	29	44-APP	22		
40-357	30	44-APPF	22		
40-358	36	44-APST	16		
40-501	36	44-APST-C	24		
40-502	36	44-APST-G	16		
44-2PU	47	44-APT	15		
44-2PUH	48	44-APT-C	24		
44-ACVPC	33	44-APT-G	15		
44-ACVPU	33	44-APUC	18		
44-ADG	63	44-APUC-C	25		
44-AFA	60	44-APUL	19		
44-AFAS-B	60	44-APUL-C	25		
44-AFB	61	44-APUT	20		
44-AFBS-B	61	44-APUT-C	25		
44-AFCS-B	61	44-APUY-C	26		
44-AFDS-B	61	44-APW	20		
44-AHVFF	31	44-APW-C	26		
44-AHVFS	30	44-APWT	17		
44-AHVSF	31	44-APWT-G	17		
44-AHVSS	31	44-APY	20		
44-AKS	63	44-APYJ	22		
44-AOP-F	60	44-APZA	21		
44-AOP-M	59	44-ASCF	30		
44-AOP-P	60	44-ASC-I	27		
44-APA	14	44-ASC-I-G	28		
44-APAF	14	44-ASC-O	27		
44-APC	6	44-ASC-O-G	28		
44-APC-C	23	44-ASPC	32		
44-APCF	8	44-ASPL	32		
44-APCF-C	23	44-ASPU	32		
44-APC-G	6	44-AUEC-F	59		
44-APG	19	44-AUEC-M	59		
44-APG-C	25	44-AUEC-P	59		
44-APGJ	21	44-MAR-02	63		
44-APGT	20	44-PA6	45		
44-APH	11	44-PA12	44		



**AIRTEC Pneumatic GmbH**  
Westerbachstraße 7  
61476 Kronberg  
Germany

Fon +49 6173 95 62 0  
Fax +49 6173 95 62 49

[info@airtec.de](mailto:info@airtec.de)  
[airtec.de](http://airtec.de)