

Series TU1



AVENTICS™

**AVENTICS Series TU1
Compressed air tubings**


EMERSON™

Series TU1

AVENTICS Series TU1 offers a broad range of plastic materials and colours to fit with your tubing application and easily identify your pneumatic circuit. TU1 Tubing are suitable for dynamic laying and offers a wide range of working environments including versions for the food industry.



Product overview

Polyamide

	Page
Compressed air tubing Ø4, Series TU1-S-PAM..... suitable for dynamic laying	5
Compressed air tubing Ø6, Series TU1-S-PAM..... suitable for dynamic laying	6
Compressed air tubing Ø8, Series TU1-S-PAM..... suitable for dynamic laying	7
Compressed air tubing Ø10, Series TU1-S-PAM..... suitable for dynamic laying	8
Compressed air tubing Ø12, Series TU1-S-PAM..... suitable for dynamic laying	9
Compressed air tubing Ø14, Series TU1-S-PAM..... suitable for dynamic laying	10
Compressed air tubing Ø16, Series TU1-S-PAM..... suitable for dynamic laying	11
Compressed air tubing Ø22, Series TU1-S-PAM..... suitable for dynamic laying	12

Polyester polyurethane

Compressed air tubing Ø3, Series TU1-S-PUR..... suitable for dynamic laying	13
Compressed air tubing Ø4, Series TU1-S-PUR..... suitable for dynamic laying	14
Compressed air tubing Ø5, Series TU1-S-PUR..... suitable for dynamic laying	15
Compressed air tubing Ø6, Series TU1-S-PUR..... suitable for dynamic laying	16
Compressed air tubing Ø8, Series TU1-S-PUR..... suitable for dynamic laying	17
Compressed air tubing Ø10, Series TU1-S-PUR..... suitable for dynamic laying	18
Compressed air tubing Ø12, Series TU1-S-PUR..... suitable for dynamic laying	19
Compressed air tubing Ø14, Series TU1-S-PUR..... suitable for dynamic laying	20
Compressed air tubing Ø16, Series TU1-S-PUR..... suitable for dynamic laying	21
Compressed air tubing, Series TU1-E-PUR..... suitable for dynamic laying elastic	22

Polyether polyurethane

Compressed air tubing Ø4, Series TU1-F-PUR..... suitable for use in food processing	23
Compressed air tubing Ø6, Series TU1-F-PUR..... suitable for use in food processing	24
Compressed air tubing Ø8, Series TU1-F-PUR..... suitable for use in food processing	25
Compressed air tubing Ø10, Series TU1-F-PUR..... suitable for use in food processing	26

Product overview

	Page
Compressed air tubing Ø12, Series TU1-F-PUR..... suitable for use in food processing	27
Compressed air tubing Ø14, Series TU1-F-PUR..... suitable for use in food processing	28
Compressed air tubing Ø16, Series TU1-F-PUR..... suitable for use in food processing	29
Compressed air tubing, Series TU1-F-PUR-CERT..... suitable for use in food processing	30
Compressed air tubing, Series TU1-A-PUR..... suitable for dynamic laying	31
Compressed air tubing, Series TU1-X-PUR..... suitable for dynamic laying	32
Polyethyleneterephthalate	
Compressed air tubing, Series TU1-S-PET..... suitable for dynamic laying - suitable for use in food processing	33
Polytetrafluorethylene	
Compressed air tubing, Series TU1-S-TEF..... suitable for use in food processing	34
Polyvinyl chloride	
Compressed air tubing, Series TU1-S-PVC.....	35

Compressed air tubing Ø4, Series TU1-S-PAM

Material: Polyamide

: suitable for dynamic laying

Ambient temperature min./max.: -40 °C ... 80 °C

Working pressure min./max.: 0.95 bar ... 15 bar



External Ø [mm]	Wall thickness [mm]	Color	Length [m]	Max. working pressure at 20 °C [bar]	Part No.
4	1	Natural	25	26	1820712100
4	1	Black	25	26	1820712110
4	0.5	Silver gray	25	15	R412009980
4	0.5	Blue	25	15	R412009913
4	0.5	Black	50	15	R412009931
4	0.5	Natural	50	15	R412009937
4	0.5	Blue	100	15	R412009914
4	0.5	Silver gray	100	15	R412009943

Compressed air tubing Ø6, Series TU1-S-PAM

Material: Polyamide

: suitable for dynamic laying

Ambient temperature min./max.: -40 °C ... 80 °C

Working pressure min./max.: 0.95 bar ... 15 bar



External Ø [mm]	Wall thickness [mm]	Color	Length [m]	Max. working pressure at 20 °C [bar]	Part No.
6	1	Natural	25	24	1820712101
6	1	Black	25	24	1820712111
6	1	Red	25	24	R412007515
6	1	Green	25	24	R412007516
6	0.65	Blue	25	13	R412009915
6	0.65	Silver gray	25	13	R412009998
6	0.65	Blue	50	13	R412009916
6	0.65	Black	50	13	R412009932
6	0.65	Natural	50	13	R412009938
6	0.65	Blue	100	13	R412009917
6	0.65	Silver gray	100	13	R412009944
6	1	Green	100	24	R412007636
6	1	Natural	100	24	R412009905
6	1	Black	100	24	R412009906

Compressed air tubing Ø8, Series TU1-S-PAM

Material: Polyamide

: suitable for dynamic laying

Ambient temperature min./max.: -40 °C ... 80 °C

Working pressure min./max.: 0.95 bar ... 15 bar



External Ø [mm]	Wall thickness [mm]	Color	Length [m]	Max. working pressure at 20 °C [bar]	Part No.
8	0.8	Blue	25	12	R412009918
8	1	Natural	25	22	1820712102
8	1	Black	25	22	1820712112
8	1	Blue	25	22	R412007590
8	0.8	Silver gray	25	12	R412009981
8	0.8	Blue	50	12	R412009919
8	0.8	Black	50	12	R412009933
8	0.8	Natural	50	12	R412009939
8	0.8	Black	100	12	R412014553
8	0.8	Red	100	12	R412014552
8	0.8	Blue	100	12	R412009920
8	0.8	Silver gray	100	12	R412009945

Compressed air tubing Ø10, Series TU1-S-PAM

Material: Polyamide

: suitable for dynamic laying

Ambient temperature min./max.: -40 °C ... 80 °C

Working pressure min./max.: 0.95 bar ... 15 bar



External Ø [mm]	Wall thickness [mm]	Color	Length [m]	Max. working pressure at 20 °C [bar]	Part No.
10	1	Blue	25	14	R412009921
10	1	Silver gray	25	14	R412009982
10	1	Natural	25	14	1820712105
10	1	Black	25	14	1820712115
10	1	Black	50	14	R412009934
10	1	Natural	50	14	R412009940
10	1	Blue	50	14	R412009922
10	1	Blue	100	14	R412009923
10	1	Silver gray	100	14	R412009946
10	1	Green	100	14	R412007632
10	1	Black	100	14	R412007633

Compressed air tubing Ø12, Series TU1-S-PAM

Material: Polyamide

: suitable for dynamic laying

Ambient temperature min./max.: -40 °C ... 80 °C

Working pressure min./max.: 0.95 bar ... 15 bar



External Ø [mm]	Wall thickness [mm]	Color	Length [m]	Max. working pressure at 20 °C [bar]	Part No.
12	1.1	Blue	25	11	R412009924
12	1.1	Silver gray	25	11	R412009983
12	1.5	Natural	25	18	1820712103
12	1.5	Black	25	18	1820712113
12	1.1	Black	50	11	R412009935
12	1.1	Natural	50	11	R412009941
12	1.1	Blue	50	11	R412009925
12	1.1	Blue	100	11	R412009926
12	1.1	Silver gray	100	11	R412009947

Compressed air tubing Ø14, Series TU1-S-PAM

Material: Polyamide

: suitable for dynamic laying

Ambient temperature min./max.: -40 °C ... 80 °C

Working pressure min./max.: 0.95 bar ... 15 bar



External Ø [mm]	Wall thickness [mm]	Color	Length [m]	Max. working pressure at 20 °C [bar]	Part No.
14	1.25	Blue	25	11	R412009927
14	1.5	Natural	25	15	1820712104
14	1.5	Black	25	15	1820712114
14	1.25	Silver gray	25	11	R412009999
14	1.25	Black	50	11	R412009936
14	1.25	Blue	50	11	R412009928
14	1.25	Natural	50	11	R412009942

Compressed air tubing Ø16, Series TU1-S-PAM

Material: Polyamide

: suitable for dynamic laying

Ambient temperature min./max.: -40 °C ... 80 °C

Working pressure min./max.: 0.95 bar ... 15 bar



External Ø [mm]	Wall thickness [mm]	Color	Length [m]	Max. working pressure at 20 °C [bar]	Part No.
16	1.35	Blue	25	10	R412009929
16	1.35	Silver gray	25	10	R412014468
16	1.35	Blue	50	10	R412009930

Compressed air tubing Ø22, Series TU1-S-PAM

Material: Polyamide
 : suitable for dynamic laying
 Ambient temperature min./max.: -40 °C ... 80 °C
 Working pressure min./max.: 0.95 bar ... 15 bar



External Ø [mm]	Wall thickness [mm]	Color	Length [m]	Max. working pressure at 20 °C [bar]	Part No.
22	2	Blue	25	9	R412009997

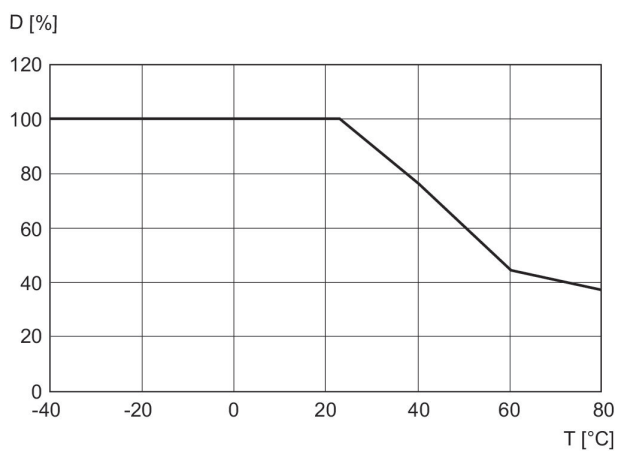
Compressed air tubing Ø3, Series TU1-S-PUR

Material: Polyester polyurethane
 : suitable for dynamic laying
 Ambient temperature min./max.: -30 °C ... 80 °C
 Working pressure min./max.: -0.95 bar ... 10 bar



External Ø [mm]	Wall thickness [mm]	Color	Length [m]	Max. working pressure at 20 °C [bar]	Part No.
3	0.6	Natural	50	10	1820712069
3	0.6	Black	50	10	1820712068
3	0.6	Red	50	10	1820712066
3	0.6	Blue	50	10	1820712067

Pressure-Temperature-Diagram



D = pressure resistance T = temperature

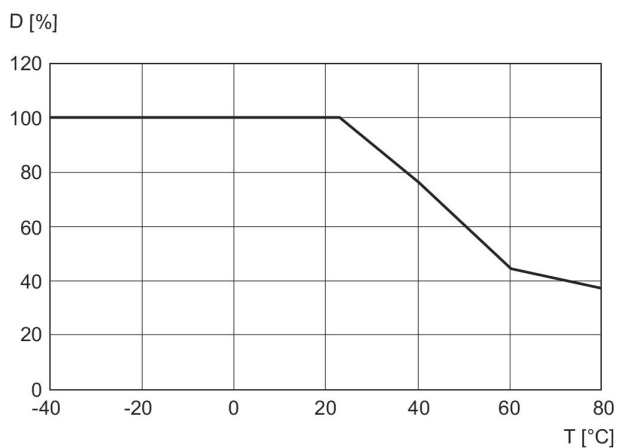
Compressed air tubing Ø4, Series TU1-S-PUR

Material: Polyester polyurethane
 : suitable for dynamic laying
 Ambient temperature min./max.: -30 °C ... 80 °C
 Working pressure min./max.: -0.95 bar ... 10 bar



External Ø [mm]	Wall thickness [mm]	Color	Length [m]	Max. working pressure at 20 °C [bar]	Part No.
4	0.75	Red	25	10	1820712020
4	0.75	Green	25	10	1820712078
4	0.75	Natural	50	10	R412014554
4	0.75	Black	50	10	R412009984
4	0.75	Blue	50	10	R412009985
4	0.75	Natural	100	10	1820712007
4	0.75	Black	100	10	1820712018
4	0.75	Blue	100	10	1820712036
4	0.75	Red	100	10	1820712026

Pressure-Temperature-Diagram



D = pressure resistance T = temperature

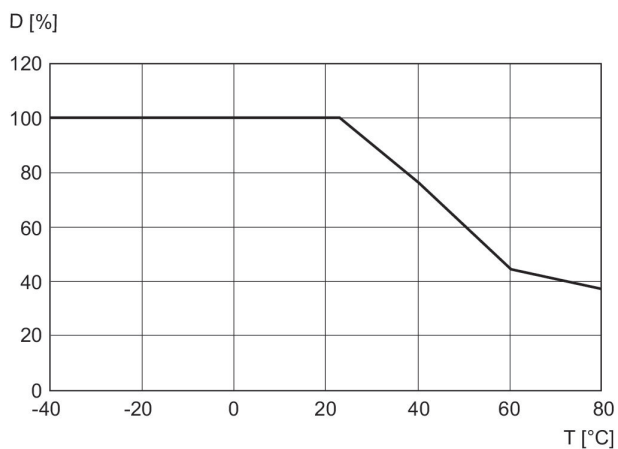
Compressed air tubing Ø5, Series TU1-S-PUR

Material: Polyester polyurethane
 : suitable for dynamic laying
 Ambient temperature min./max.: -30 °C ... 80 °C
 Working pressure min./max.: -0.95 bar ... 10 bar



External Ø [mm]	Wall thickness [mm]	Color	Length [m]	Max. working pressure at 20 °C [bar]	Part No.
5	0.95	Natural	25	10	1820712001
5	0.95	Black	25	10	1820712011
5	0.95	Blue	25	10	1820712031
5	0.95	Red	25	10	1820712021
5	0.95	Blue	50	10	R412009986

Pressure-Temperature-Diagram



D = pressure resistance T = temperature

Compressed air tubing Ø6, Series TU1-S-PUR

Material: Polyester polyurethane

: suitable for dynamic laying

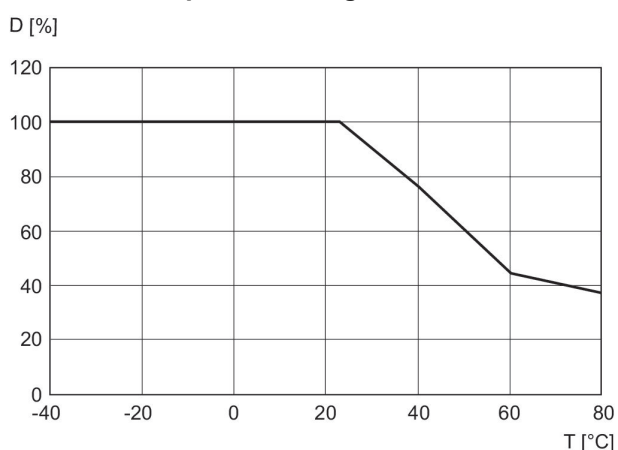
Ambient temperature min./max.: -30 °C ... 80 °C

Working pressure min./max.: -0.95 bar ... 10 bar



External Ø [mm]	Wall thickness [mm]	Color	Length [m]	Max. working pressure at 20 °C [bar]	Part No.
6	1.05	Red	25	10	1820712022
6	1.05	Natural	50	10	R412014556
6	1.05	Green	50	10	R412014555
6	1.05	Black	50	10	R412009987
6	1.05	Blue	50	10	R412009988
6	1.05	Red	100		1820712027
6	1.05	Natural	100	10	1820712006
6	1.05	Black	100	10	1820712019
6	1.05	Blue	100	10	1820712037
6	1.05	Green	100	10	R412007650
6	1.05	Blue	500	10	R412007799

Pressure-Temperature-Diagram



D = pressure resistance T = temperature

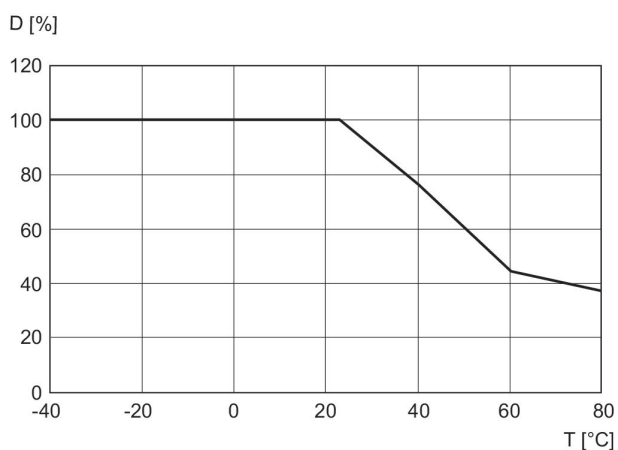
Compressed air tubing Ø8, Series TU1-S-PUR

Material: Polyester polyurethane
 : suitable for dynamic laying
 Ambient temperature min./max.: -30 °C ... 80 °C
 Working pressure min./max.: -0.95 bar ... 10 bar



External Ø [mm]	Wall thickness [mm]	Color	Length [m]	Max. working pressure at 20 °C [bar]	Part No.
8	1.15	Red	25	10	1820712023
8	1.15	Green	25	10	1820712080
8	1.15	Natural	50	10	R412014557
8	1.15	Black	50	10	R412009989
8	1.15	Blue	50	10	R412009990
8	1.15	Natural	100	10	1820712008
8	1.15	Black	100	10	1820712016
8	1.15	Red	100	10	1820712028
8	1.15	Blue	100	10	1820712038
8	1.15	Blue	500	10	R412007800

Pressure-Temperature-Diagram



D = pressure resistance T = temperature

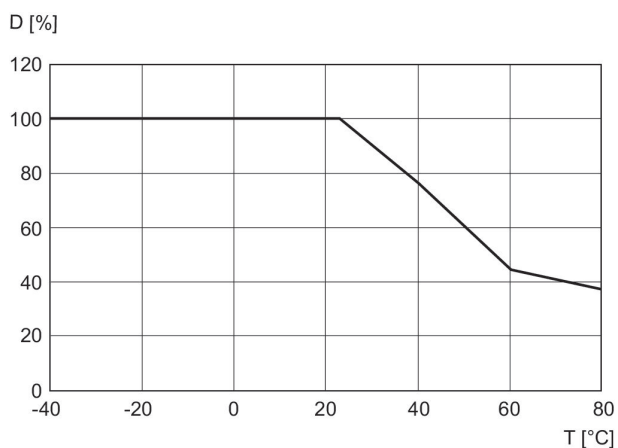
Compressed air tubing Ø10, Series TU1-S-PUR

Material: Polyester polyurethane
 : suitable for dynamic laying
 Ambient temperature min./max.: -30 °C ... 80 °C
 Working pressure min./max.: -0.95 bar ... 10 bar



External Ø [mm]	Wall thickness [mm]	Color	Length [m]	Max. working pressure at 20 °C [bar]	Part No.
10	1.25	Black	25	10	1820712015
10	1.25	Red	25	10	1820712025
10	1.25	Natural	50	10	R412014558
10	1.25	Blue	50	10	R412009991
10	1.25	Natural	100	10	1820712009
10	1.25	Black	100	10	1820712081
10	1.25	Red	100	10	1820712029
10	1.25	Blue	100	10	1820712039

Pressure-Temperature-Diagram



D = pressure resistance T = temperature

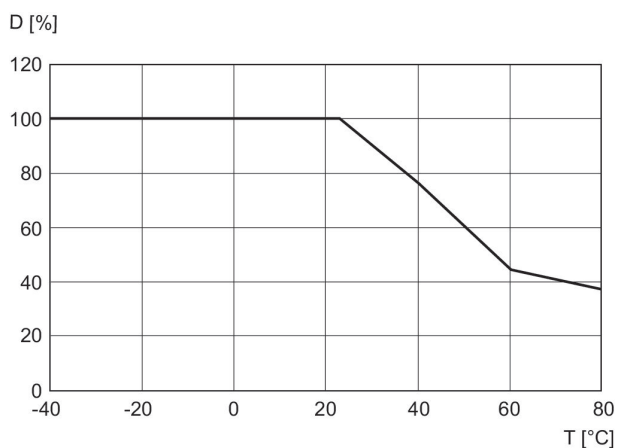
Compressed air tubing Ø12, Series TU1-S-PUR

Material: Polyester polyurethane
 : suitable for dynamic laying
 Ambient temperature min./max.: -30 °C ... 80 °C
 Working pressure min./max.: -0.95 bar ... 10 bar



External Ø [mm]	Wall thickness [mm]	Color	Length [m]	Max. working pressure at 20 °C [bar]	Part No.
12	1.5	Black	25	10	1820712014
12	1.5	Red	25	10	1820712024
12	1.5	Natural	50	10	R412014559
12	1.5	Blue	50	10	R412009992
12	1.5	Natural	100	10	1820712082
12	1.5	Black	100	10	1820712017
12	1.5	Red	100	10	1820712083
12	1.5	Blue	100	10	1820712040

Pressure-Temperature-Diagram



D = pressure resistance T = temperature

Compressed air tubing Ø14, Series TU1-S-PUR

Material: Polyester polyurethane

: suitable for dynamic laying

Ambient temperature min./max.: -30 °C ... 80 °C

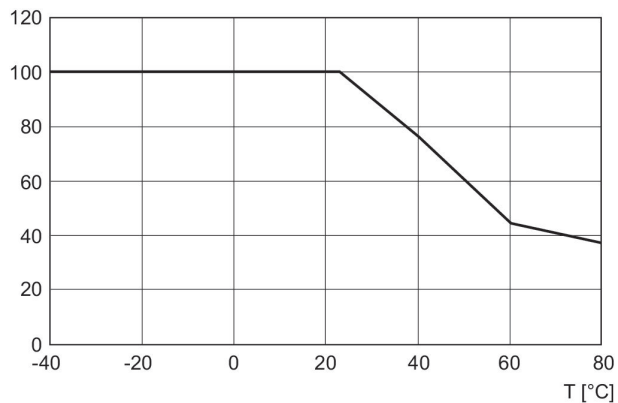
Working pressure min./max.: -0.95 bar ... 10 bar



External Ø [mm]	Wall thickness [mm]	Color	Length [m]	Max. working pressure at 20 °C [bar]	Part No.
14	2	Natural	25	10	R412004790
14	2	Black	25	10	R412004778
14	2	Blue	25	10	R412004782
14	2	Blue	100	10	R412004783
14	2	Black	100	10	R412004779

Pressure-Temperature-Diagram

D [%]



D = pressure resistance T = temperature

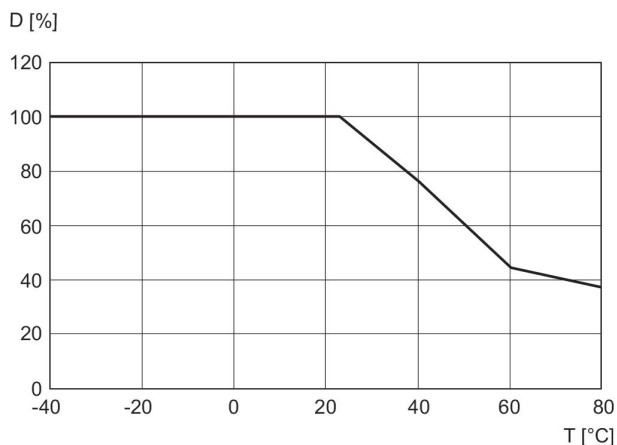
Compressed air tubing Ø16, Series TU1-S-PUR

Material: Polyester polyurethane
 : suitable for dynamic laying
 Ambient temperature min./max.: -30 °C ... 80 °C
 Working pressure min./max.: -0.95 bar ... 10 bar



External Ø [mm]	Wall thickness [mm]	Color	Length [m]	Max. working pressure at 20 °C [bar]	Part No.
16	2.5	Natural	25	10	R412004792
16	2.5	Black	25	10	R412004780
16	2.5	Blue	25	10	R412004784
16	2.5	Black	100	10	R412004781
16	2.5	Red	100	10	R412004789
16	2.5	Blue	100	10	R412004785
16	2.5	Natural	100	10	R412004793

Pressure-Temperature-Diagram



D = pressure resistance T = temperature

Compressed air tubing, Series TU1-E-PUR

Material: Polyester polyurethane
: suitable for dynamic laying, elastic
Ambient temperature min./max.: -30 °C ... 60 °C



External Ø [mm]	Wall thickness [mm]	Color	Length [m]	Max. working pressure at 20 °C [bar]	Part No.
4	0.75	Black	500	8	R412007824
4	0.75	Blue	500	8	R412007825
6	1	Blue	500	8	R412007828
6	1.05	Black	500	8	R412014561
8	1.15	Natural	500	8	R412007829
8	1.15	Black	500	8	R412007830
8	1.15	Blue	500	8	R412007831
8	1.15	Black	500	8	R412014562

Compressed air tubing Ø4, Series TU1-F-PUR

Material: Polyether polyurethane
 : suitable for use in food processing
 Ambient temperature min./max.: -30 °C ... 60 °C



External Ø [mm]	Wall thickness [mm]	Color	Length [m]	Max. working pressure at 20 °C [bar]	Part No.
4	0.75	Black translucent	25	10	R412009963
4	0.75	Blue translucent	25	10	R412004796
4	0.75	Transparent	25	10	R412004797
4	0.75	Translucent red	25	10	R412009900
4	0.75	Silver gray	100	10	R412007413

Compressed air tubing Ø6, Series TU1-F-PUR

Material: Polyether polyurethane
: suitable for use in food processing
Ambient temperature min./max.: -30 °C ... 60 °C



External Ø [mm]	Wall thickness [mm]	Color	Length [m]	Max. working pressure at 20 °C [bar]	Part No.
6	1.05	Black translucent	25	10	1820712043
6	1.05	Blue translucent	25	10	1820712044
6	1.05	Transparent	25	10	1820712042
6	1.05	Silver gray	25	10	R412007414
6	1.05	Translucent red	25	10	R412009901
6	1.05	Silver gray	100	10	R412007415
6	1.05	Blue translucent	100	10	R412009907

Compressed air tubing Ø8, Series TU1-F-PUR

Material: Polyether polyurethane
: suitable for use in food processing
Ambient temperature min./max.: -30 °C ... 60 °C



External Ø [mm]	Wall thickness [mm]	Color	Length [m]	Max. working pressure at 20 °C [bar]	Part No.
8	1.25	Black translucent	25	10	1820712046
8	1.25	Blue translucent	25	10	1820712047
8	1.25	Transparent	25	10	1820712045
8	1.25	Translucent red	25	10	R412004994
8	1.25	Silver gray	25	10	R412007416
8	1.25	Blue translucent	100	10	R412009993
8	1.25	Silver gray	100	10	R412007417
8	1.25	Blue translucent	500	10	R412024292

Compressed air tubing Ø10, Series TU1-F-PUR

Material: Polyether polyurethane
: suitable for use in food processing
Ambient temperature min./max.: -30 °C ... 60 °C



External Ø [mm]	Wall thickness [mm]	Color	Length [m]	Max. working pressure at 20 °C [bar]	Part No.
10	1.5	Black translucent	25	10	R412009964
10	1.5	Silver gray	25	10	R412007418
10	1.5	Blue translucent	25	10	R412004798
10	1.5	Transparent	25	10	R412004799
10	1.5	Translucent red	100	10	R412014560
10	1.5	Silver gray	100	10	R412007419
10	1.5	Blue translucent	100	10	R412009994

Compressed air tubing Ø12, Series TU1-F-PUR

Material: Polyether polyurethane
: suitable for use in food processing
Ambient temperature min./max.: -30 °C ... 60 °C



External Ø [mm]	Wall thickness [mm]	Color	Length [m]	Max. working pressure at 20 °C [bar]	Part No.
12	2	Blue translucent	25	10	R412009965
12	2	Transparent	25	10	R412009967
12	2	Translucent red	100	10	R412009949
12	2	Silver gray	100	10	R412007421
12	2	Blue translucent	100	10	R412009995
12	2	Blue translucent	500	10	R412024293

Compressed air tubing Ø14, Series TU1-F-PUR

Material: Polyether polyurethane
 : suitable for use in food processing
 Ambient temperature min./max.: -30 °C ... 60 °C



External Ø [mm]	Wall thickness [mm]	Color	Length [m]	Max. working pressure at 20 °C [bar]	Part No.
14	2	Transparent	25	10	R412009968
14	2	Translucent red	25	10	R412009911

Compressed air tubing Ø16, Series TU1-F-PUR

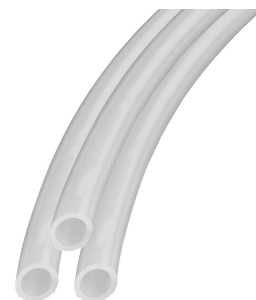
Material: Polyether polyurethane
 : suitable for use in food processing
 Ambient temperature min./max.: -30 °C ... 60 °C



External Ø [mm]	Wall thickness [mm]	Color	Length [m]	Max. working pressure at 20 °C [bar]	Part No.
16	2.5	Silver gray	25	10	R412007424
16	2.5	Translucent red	25	10	R412009904
16	2.5	Blue translucent	25	10	R412014480

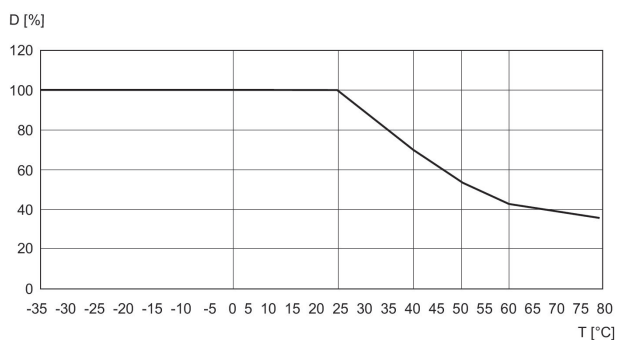
Compressed air tubing, Series TU1-F-PUR-CERT

Material: Polyether polyurethane
: suitable for use in food processing
Ambient temperature min./max.: -40 °C ... 85 °C



External Ø [mm]	Wall thickness [mm]	Color	Length [m]	Part No.
6	1	Transparent	50	R412027708
8	1.25	Transparent	50	R412027709
10	1.5	Transparent	50	R412027710

Pressure-Temperature-Diagram



D = pressure resistance T = temperature

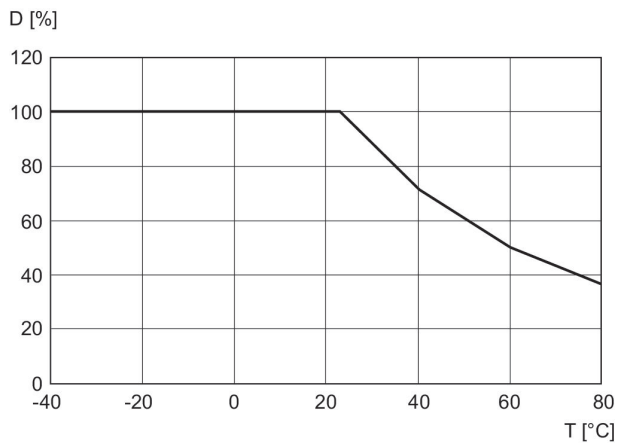
Compressed air tubing, Series TU1-A-PUR

Material: Polyether polyurethane
: suitable for dynamic laying
Ambient temperature min./max.: -30 °C ... 60 °C



External Ø [mm]	Wall thickness [mm]	Color	Length [m]	Max. working pressure at 20 °C [bar]	Part No.
3	0.55	Black	50	10	R412007792
4	0.75	Black	50	10	1820712089
6	1.05	Black	50	10	1820712091
8	1.15	Black	50	10	1820712092
10	1.25	Black	50	10	1820712093
12	1.5	Black	50	10	R412007705

Pressure-Temperature-Diagram



D = pressure resistance T = temperature

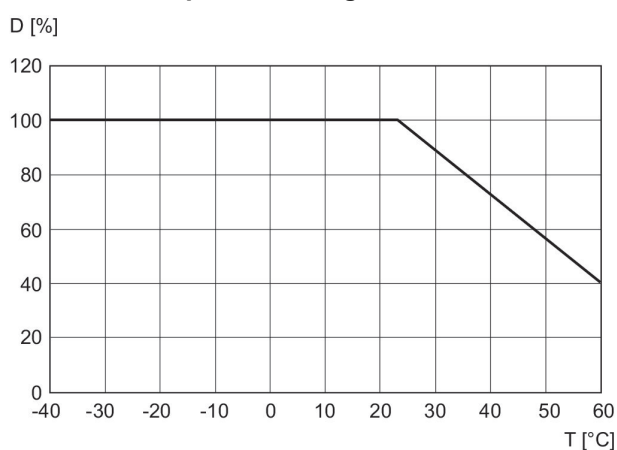
Compressed air tubing, Series TU1-X-PUR

Material: Polyether polyurethane
: suitable for dynamic laying
Ambient temperature min./max.: -40 °C ... 85 °C



External Ø [mm]	Wall thickness [mm]	Color	Marking color	Length [m]	Max. working pressure at 20 °C [bar]	Part No.
4	1	Black	Blue	25	16	1820712096
4	1	Black	White	25	16	1820712084
8	2	Black	Blue	25	16	1820712094
8	2	Black	White	25	16	1820712085
10	2	Black	Blue	25	16	1820712095
10	2	Black	White	25	16	1820712086
12	2	Black	Blue	25	16	1820712097
12	2	Black	White	25	16	1820712087
14	2	Black	Blue	25	16	1820712098
14	2	Black	White	25	16	1820712088
16	2.5	Black	White	50	16	R412004794

Pressure-Temperature-Diagram



D = pressure resistance T = temperature

Compressed air tubing, Series TU1-S-PET

Material: Polyethylene

: suitable for dynamic laying

: suitable for use in food processing

Ambient temperature min./max.: -40 °C ... 60 °C



External Ø [mm]	Wall thickness [mm]	Color	Length [m]	Max. working pressure at 20 °C [bar]	Part No.
4	0.75	Natural	25	14	R412014494
4	0.75	Black	25	14	R412014501
6	1	Natural	25	10	R412014495
6	1	Black	25	10	R412014502
8	1	Natural	25	10	R412014496
8	1	Black	25	10	R412014503
10	1.25	Natural	25	10	R412014497
10	1.25	Black	25	10	R412014504
12	1.5	Natural	25	10	R412014498
12	1.5	Black	25	10	R412014505
14	1.5	Natural	25	10	R412014499
14	1.5	Black	25	10	R412014506
16	2	Natural	25	10	R412014500
16	2	Black	25	10	R412014507

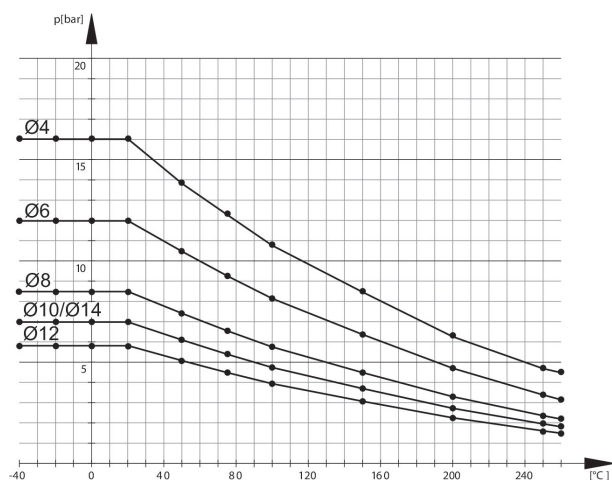
Compressed air tubing, Series TU1-S-TEF

Material: Polytetrafluorethylene
: suitable for use in food processing
Ambient temperature min./max.: -40 °C ... 200 °C



External Ø [mm]	Wall thickness [mm]	Color	Length [m]	Max. working pressure at 20 °C [bar]	Part No.
4	0.75	Transparent	25	16	R412004956
4	0.75	Red	100	16	R412004965
4	0.75	Blue	100	16	R412004966
4	0.75	Green	100	16	R412004967
4	0.75	Transparent	100	16	R412004152
6	1	Transparent	25	12	R412004957
6	1	Transparent	100	12	R412004076
8	1	Transparent	25	8.5	R412004958
8	1	Transparent	100	8.5	R412004153
10	1	Transparent	25	7	R412004959
10	1	Transparent	100	7	R412004154
12	1	Transparent	25	5.8	R412004960
12	1	Transparent	100	5.8	R412004155
14	1.5	Transparent	25	7	R412007517

Pressure-Temperature-Diagram



Compressed air tubing, Series TU1-S-PVC

Material: Polyvinyl chloride

Ambient temperature min./max.: 0 °C ... 60 °C







External Ø [mm]	Wall thickness [mm]	Color	Length [m]	Max. working pressure at 20 °C [bar]	Part No.
10	3	Transparent	50	23	1820712300
12	3	Transparent	50	20	1820712301
14	3	Transparent	50	18	1820712302
16	3	Transparent	50	14	1820712303
19.8	3.3	Transparent	50	12	1820712304
26.8	3.7	Transparent	50	10	1820712305

Efficient pneumatic solutions, our program:
cylinders and drives, valves and valve systems,
air supply management, proportional pressure
control valves



Visit us: www.Emerson.com/aventics
Your local contact: Emerson.com/contactus

-  Emerson.com
-  Facebook.com/EmersonAutomationSolutions
-  LinkedIn.com/company/Emerson-Automation-Solutions
-  Twitter.com/EMR_Automation



The Emerson logo is a trademark and service mark of Emerson Electric Co. AVENTICS is a registered trademark of one of the Emerson family of companies. All other trademarks are the property of their respective owners. © 2020 Emerson Electric Co. All rights reserved.



CONSIDER IT SOLVED™