

- Reduce the noise levels of pneumatic equipment
- Compact, efficient and lightweight
- Screw directly into the exhaust port
- High mechanical resistance
- Prevent the ingress of dirt
- Low cost



Technical Data

Medium:

Compressed air, filtered 50µm, lubricated and non lubricated/vacuum, inert gases

Operation:

Exhaust silencer/vacuum filter

Mounting:

Directly in the exhaust port

Port Sizes: Male thread

Metric	BSPP	NPT
M5 M/S0		
G ¹ / ₈	M/S1	1/8 NPT C/S1
G ¹ / ₄	M/S2	1/4 NPT C/S2
G ³ / ₈	M/S3	3/8 NPT C/S3
G ¹ / ₂	M/S4	1/2 NPT C/S4
G ³ / ₄	M/S6	3/4 NPT C/S6
G1	M/S8	1 NPT C/S8

Operating Pressure:

-1 to +10 bar maximum (vacuum service)

Operating Temperature:

-20°C* to +80°C

*Air supply must be dry enough to avoid ice formation at temperatures below 2°C

Materials

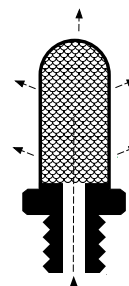
UHMW Polyethylene Porous plastic body
and Polyethylene connector base

Ordering Information

To order, quote model number from the table overleaf,
e.g. M/S3 for the G³/₈ model.

Alternative Models

T40 series of Quietaire sintered bronze silencers, see page 10.5.021.01
Quietaire range of heavy duty models, see page 10.5.031.01





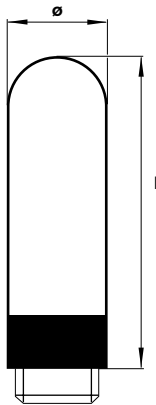
General Information

Model		Port Connection	Max. Flow Factor		ΔContinuous Sound Pressure Level (dBA)		Weight (g)	
Metric	G Series		NPT	C*	Cv**	0,7 bar		6 bar
M/S0			M5	1,3	0,31	59	84	0,35
	M/S1	C/S1	1/8	7,1	1,74	67	85	1,80
	M/S2	C/S2	1/4	5,9	1,44	58	74	2,90
	M/S3	C/S3	3/8	15,3	3,75	65	79	6,70
	M/S4	C/S4	1/2	12,2	3,00	59	73	11,50
	M/S6	C/S6	3/4	31,0	7,79	71	89	40,00
	M/S8	C/S8	1	39,3	9,63	70	82	60,00

C* measured in dm³/(s.bar)

Cv ** measured in US gall/min

Δ SPL at 1m from unit



Model	Size	l (mm)	ø (mm)
M/S0	M5	18,9	6,5
M/S1, C/S1	1/8	28,3	12,5
M/S2, C/S2	1/4	35,5	15,5
M/S3, C/S3	3/8	56,0	18,5
M/S4, C/S4	1/2	67,0	23,0
M/S6, C/S6	3/4	123,5	38,0
M/S8, C/S8	1"	140,5	49,0

Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where *pressures* and *temperatures* can exceed those listed under **'Technical Data'**.

Before using these products with fluids other than those specified, for non-industrial applications, life-support systems, or other applications not within published specifications, consult Norgren.

Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes. The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.

System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.

System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products where applicable.

Reduce the noise levels of pneumatic equipment
Compact, efficient and lightweight
Insert directly into push-in fitting exhaust port
Prevent the ingress of dirt
Low cost

**Technical data**

Medium:

Compressed air, filtered 50 µm, lubricated and non lubricated/vacuum, inert gases

Operation:

Exhaust silencer/vacuum filter

Mounting:

Directly in push-in fittings

Stem:

Ø 4, 6, 8, 10, 12 mm

Ø 5/32, 1/4, 5/16, 3/8 inch

Operating pressure:

-1 to +10 bar maximum (vacuum service)

Operating temperature:

-20°C to +80°C

Consult our Technical Service for use below +2°C

Flow factor:

See page 10.5.012.02

Continuous sound pressure level:

See page 10.5.012.02

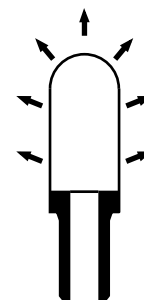
Materials

Body: UHMW Polyethylene Porous plastic (light grey)

Stem: Polyethylene (black)

Ordering examples

See page 10.5.012.02





Ø		Flow factor			Continuous sound pressure level (dBA)	
Metric thread	Inch thread	C*	Cv	Kv	0,7 bar	0,6 bar
4	5/32	0,82	0,2	0,17	67	84
6	1/4	1,6	0,39	0,34	72	83
8	5/16	3	0,74	0,64	68	85
10	3/8	6,5	1,55	1,35	70	87
12		9,9	2,43	2,11	73	89

* ISO 6358 in dm³/s.bar

** SPL at 1m from source

Options selector

T45★00★★

Variants	Substitute
Metric	P
Inch	Y

Stem Ø metric	Substitute
4	04
6	06
8	08
10	10
12	12

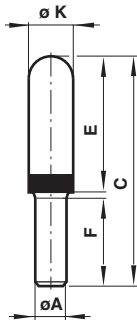
Stem Ø inch	Substitute
5/32	02
1/4	04
5/16	05
3/8	06

Ordering examples

A porous plastic silencer with Ø 8 mm stem, quote: **T45P0008**

A porous plastic silencer with Ø 1/4 inch stem, quote: **T45Y0004**

Dimensions



Ø A Metric thread	Ø A Inch thread	C	E	F	Ø K	kg
4	5/32	32	16	14	6,5	0,001
6	1/4	45	24,5	17	12,5	0,002
8	5/16	43,5	22	19	13,5	0,002
10	3/8	57,5	31	23	15,5	0,004
12		82	53	25	18,5	0,007

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