Porous plastic silencers
Ø 4 to 12 metric
Ø 5/32 to 3/8 inch

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 2

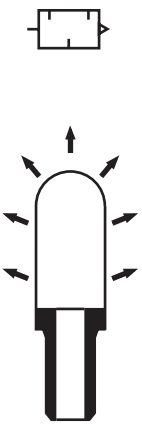
Continuous sound pressure level:
See page 2

Materials:

Body: UHMW polyethylene porous plastic (light grey)
Stem: polyethylene (black)

Ordering information

See page 2



Gerneral information

Ø metric	inch	Max. flow factor C *1)	Cv	Kv	Continous sound pressure level (dBA) *2) 0,7 bar	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

*1) ISO 6358 in dm^3/s.bar
*2) 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

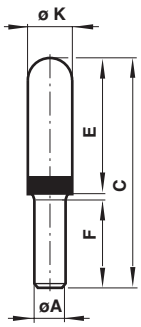
Stem Ø inch	Substitute
5/32	02
1/4	04
5/16	05
3/8	06

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	Ø A inch	C	E	F	Ø K	Weight (g)
4	5/32	32	16	14	6,5	1
6	1/4	45	24,5	17	12,5	1,5
8	5/16	43,5	22	19	13,5	2
10	3/8	57,5	31	23	15,5	3,5
12		82	53	25	18,5	7

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.