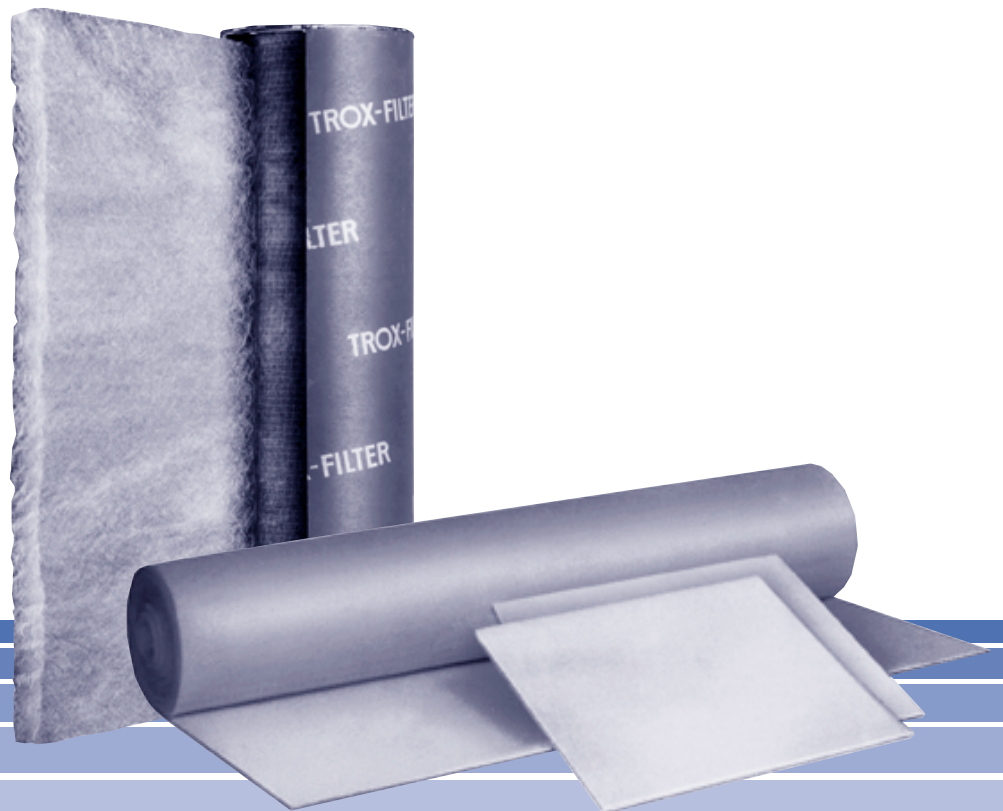


Technical Data Filter Media



TROX[®] TECHNIK

Trox-o-fil F702

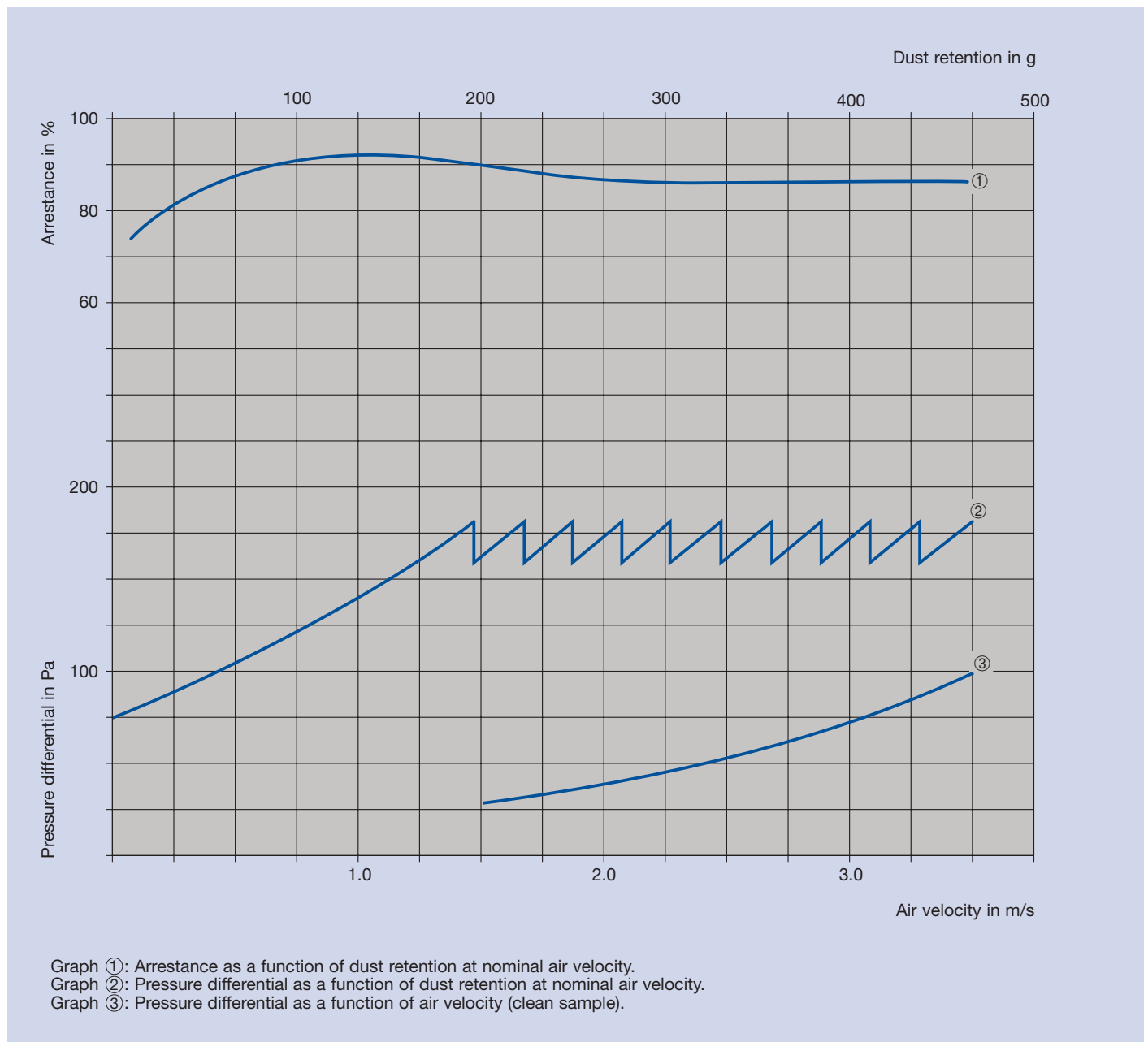
Trox-o-fil-F 702 roll filter media is used in ventilation and air conditioning systems to separate coarse and fine dust.

The disposable filter media consists of glass fibres in a flexible structure and wetted with a dust binding agent, which increases the dust extraction efficiency and prevents dust carry over, the dust being collected throughout the entire depth of the media.

Filter performance data shown are based on average production values.

Filter Media		Trox-o-fil F 702
Filter class to EN 779 ¹⁾		G3
Average synthetic dust weight arrestance	approx. in %	86
Nominal air velocity	in m/s	3.1
Initial pressure differential at nominal air velocity	in Pa	80
Temperature resistance	in °C	-30 to +100

¹⁾ EN 779: "Particle air filters for general ventilation and air conditioning purposes".
(Equivalent to ASHRAE STANDARD 52-76).



Graph ①: Arrestance as a function of dust retention at nominal air velocity.
Graph ②: Pressure differential as a function of dust retention at nominal air velocity.
Graph ③: Pressure differential as a function of air velocity (clean sample).

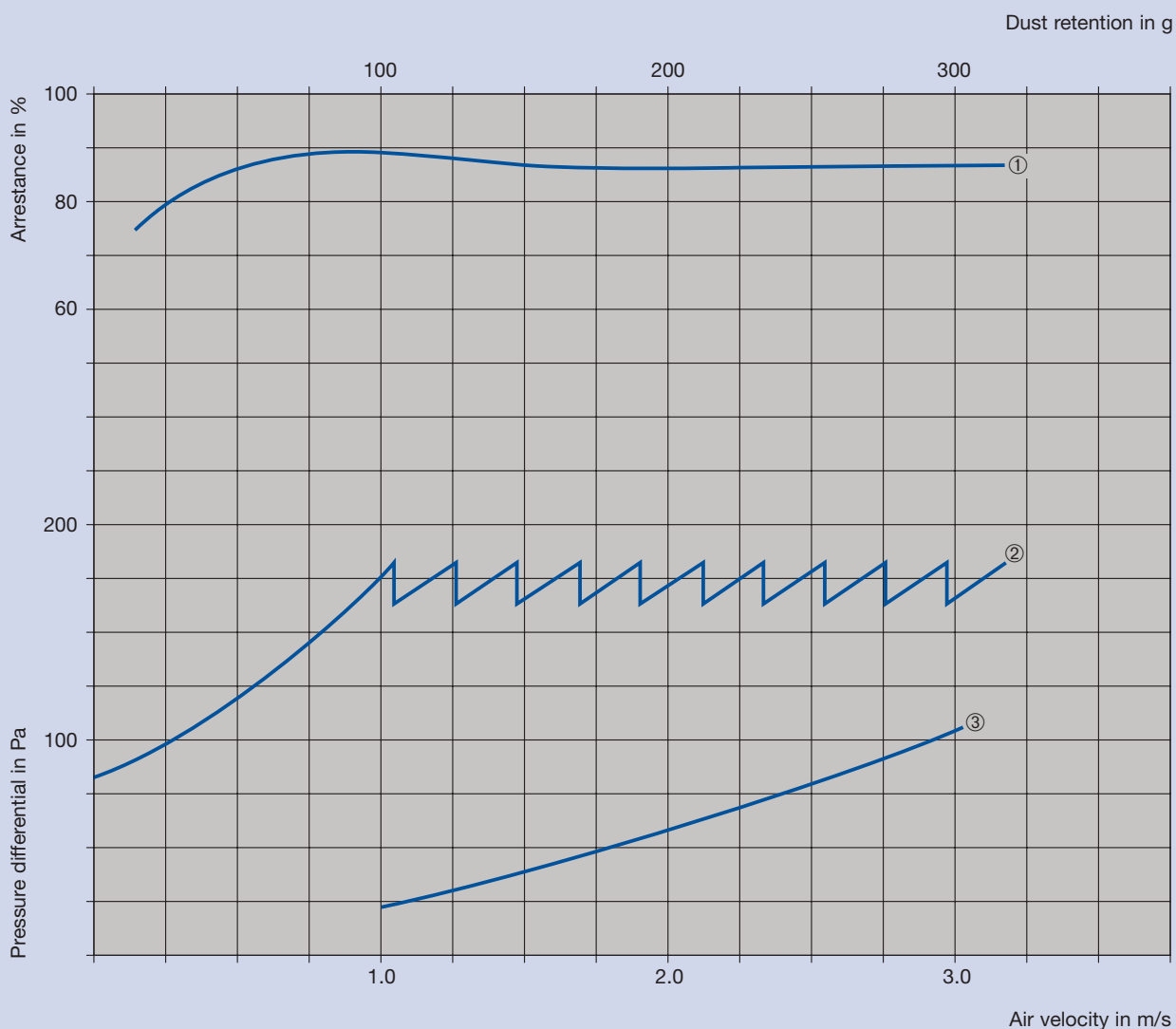
F721 roll filter media is used in ventilation and air conditioning systems to separate coarse and fine dust.

The disposable filter media consists of chemical fibres reinforced with plastic bonding agent, unwetted. The special structure guarantees a high dust holding capacity with low increase in pressure differential.

Filter performance data shown are based on average production values.

Filter Media		F 721
Filter class to EN 779 ¹⁾		G3
Average synthetic dust weight arrestance	approx. in %	86
Nominal air velocity	in m/s	2.5
Initial pressure differential at nominal air velocity	in Pa	80
Temperature resistance	in °C	up to +100

¹⁾EN 779: "Particle air filters for general ventilation and air conditioning purposes".
(Equivalent to ASHRAE STANDARD 52-76).



Graph ①: Arrestance as a function of dust retention at nominal air velocity.
 Graph ②: Pressure differential as a function of dust retention at nominal air velocity.
 Graph ③: Pressure differential as a function of air velocity (clean sample).

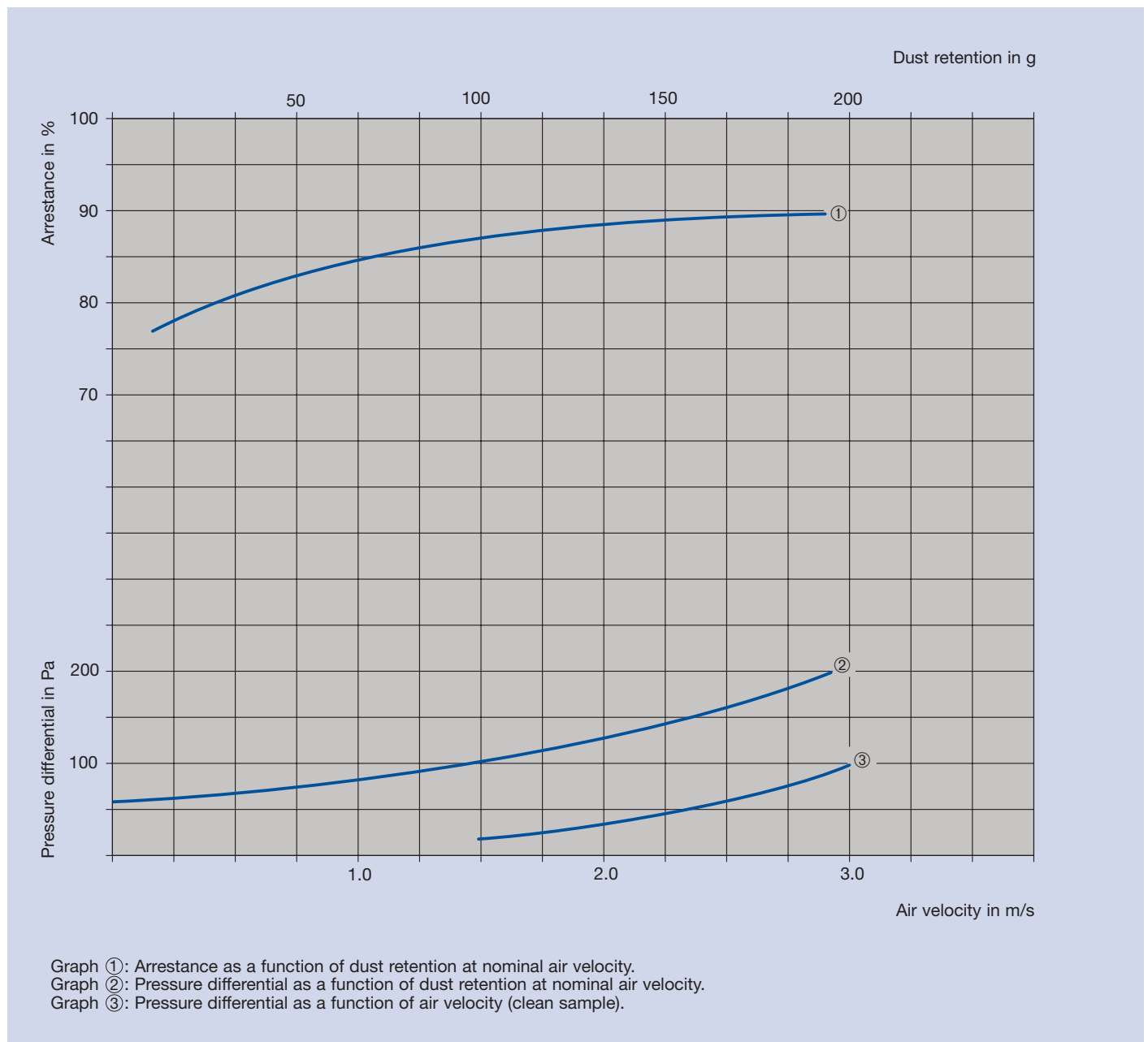
Trox-o-fil F702

Trox-o-fil F702 disposable filter media, as filter mat or filter cell for general applications in ventilation and air conditioning systems. It consists of glass fibres coated with a dust binding agent, which increases the dust extraction efficiency and prevents dust carry over, the dust being collected throughout the entire depth of the media.

Filter performance data shown are based on average production values.

Filter Media	Trox-o-fil F 702
Filter class to EN 779 ¹⁾	G3
Average synthetic dust weight arrestance approx. in %	86
Nominal air velocity in m/s	2.5
Initial pressure differential at nominal air velocity in Pa	60
Temperature resistance in °C	-30 to +100

¹⁾EN 779: "Particle air filters for general ventilation and air conditioning purposes".
(Equivalent to ASHRAE STANDARD 52-76).



Graph ①: Arrestance as a function of dust retention at nominal air velocity.
 Graph ②: Pressure differential as a function of dust retention at nominal air velocity.
 Graph ③: Pressure differential as a function of air velocity (clean sample).

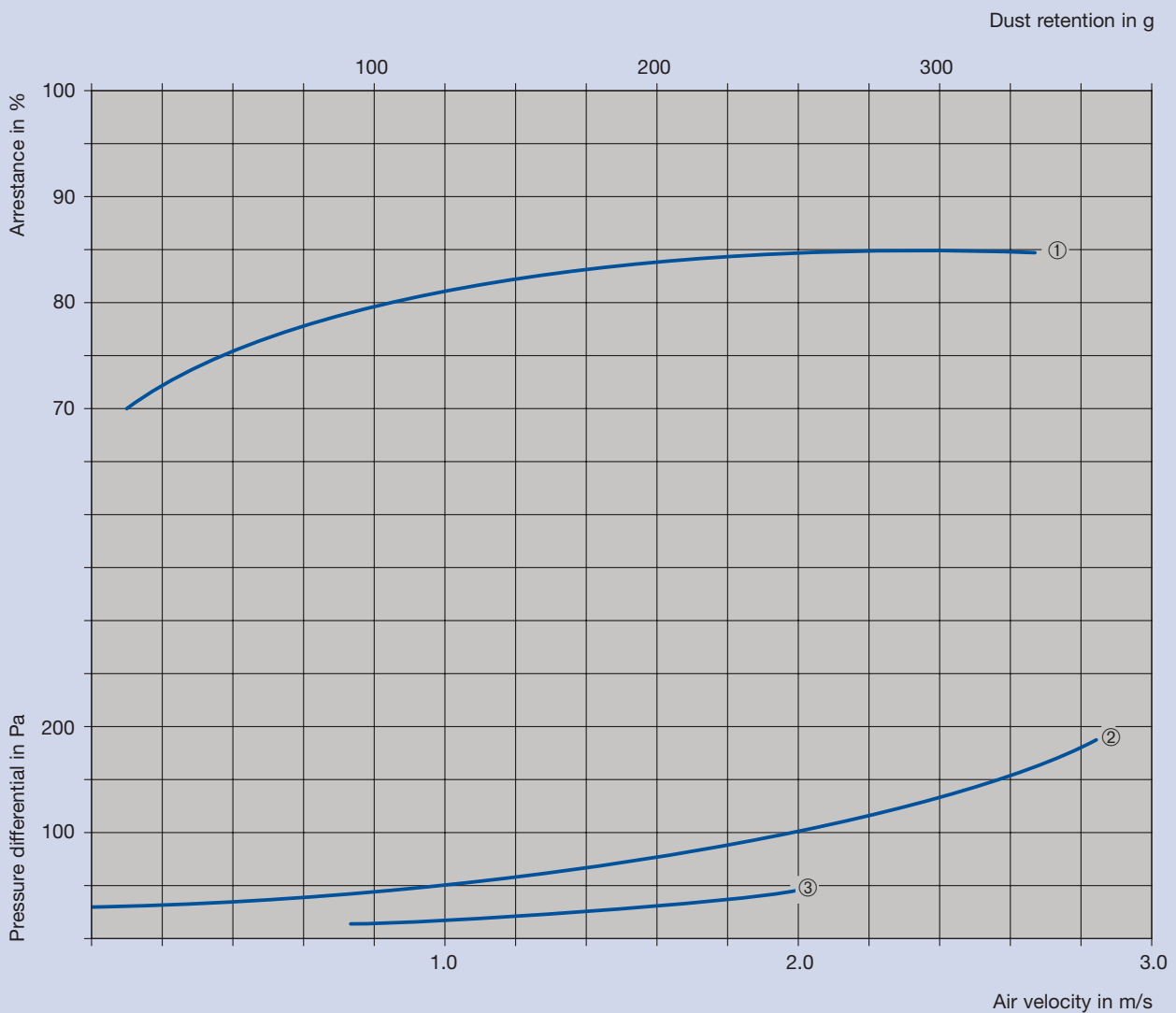
F703 filter media (limited regeneration) is used as a filter mat in air handling units and panel air filter assemblies in ventilation and air conditioning systems.

The filter media consists of chemical fibres with a plastic bonding agent. The special structure guarantees a high dust holding capacity with low increase in pressure differential.

Filter performance data shown are based on average production values.

Filter Media	F703
Filter class to EN 779 ¹⁾	G3
Average synthetic dust weight arrestance approx. in %	82
Nominal air velocity in m/s	1.5
Initial pressure differential at nominal air velocity in Pa	30
Fire resistance to DIN 53438	Class F1
Temperature resistance in °C	up to +100

¹⁾EN 779: "Particle air filters for general ventilation and air conditioning purposes".
(Equivalent to ASHRAE STANDARD 52-76).



Graph ①: Arrestance as a function of dust retention at nominal air velocity.
 Graph ②: Pressure differential as a function of dust retention at nominal air velocity.
 Graph ③: Pressure differential as a function of air velocity (clean sample).

F704

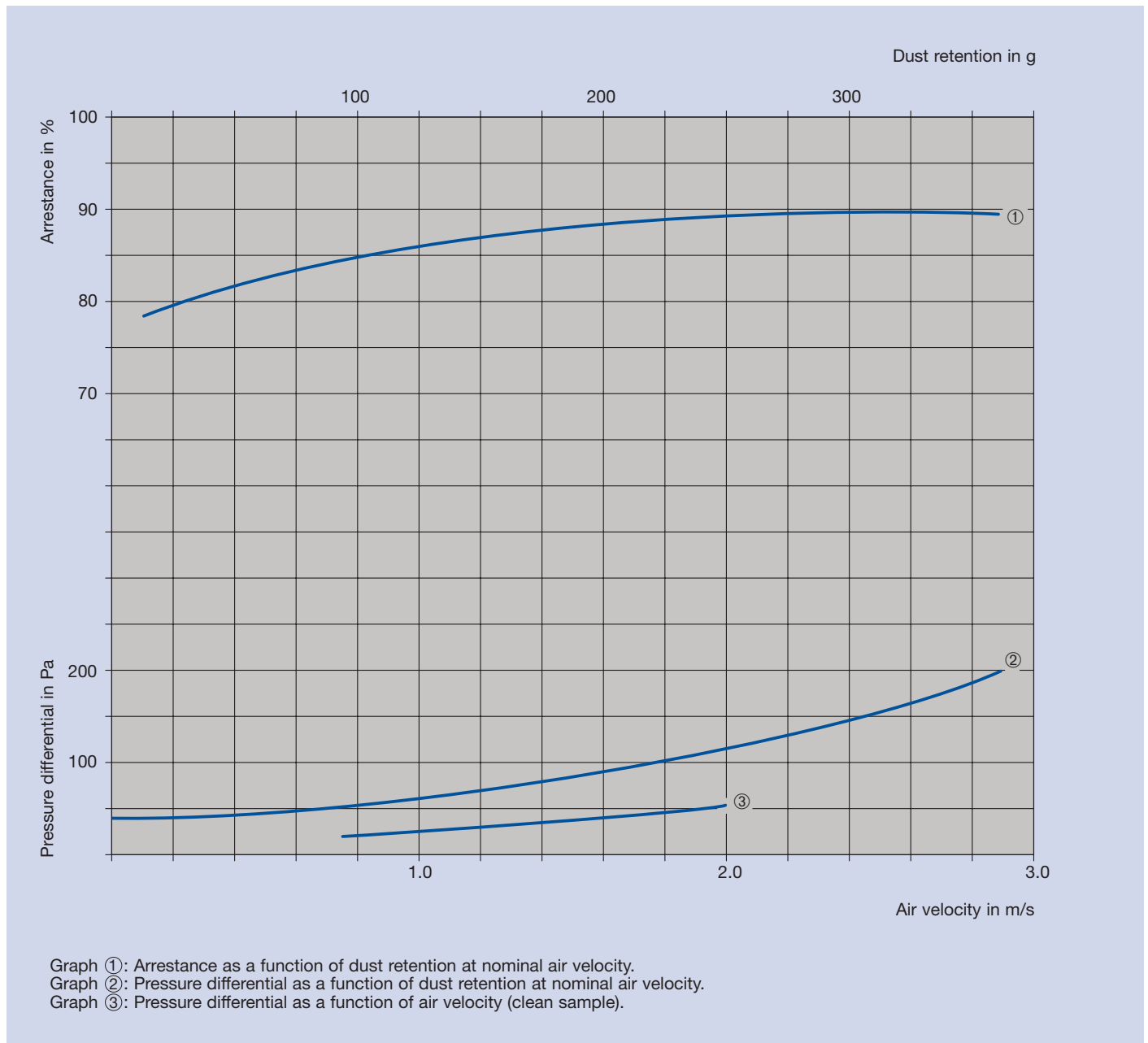
F704 filter media (limited regeneration) is used as a filter mat in air handling units and panel air filter assemblies in ventilation and air conditioning systems.

The filter media consists of chemical fibres with a plastic bonding agent. The special structure guarantees a high dust holding capacity with low increase in pressure differential.

Filter performance data shown are based on average production values.

Filter Media	F704
Filter class to EN 779 ¹⁾	G3
Average synthetic dust weight arrestance approx. in %	86
Nominal air velocity in m/s	1.5
Initial pressure differential at nominal air velocity in Pa	40
Fire resistance to DIN 53438	Class F1
Temperature resistance in °C	up to +100

¹⁾EN 779: "Particle air filters for general ventilation and air conditioning purposes".
(Equivalent to ASHRAE STANDARD 52-76).



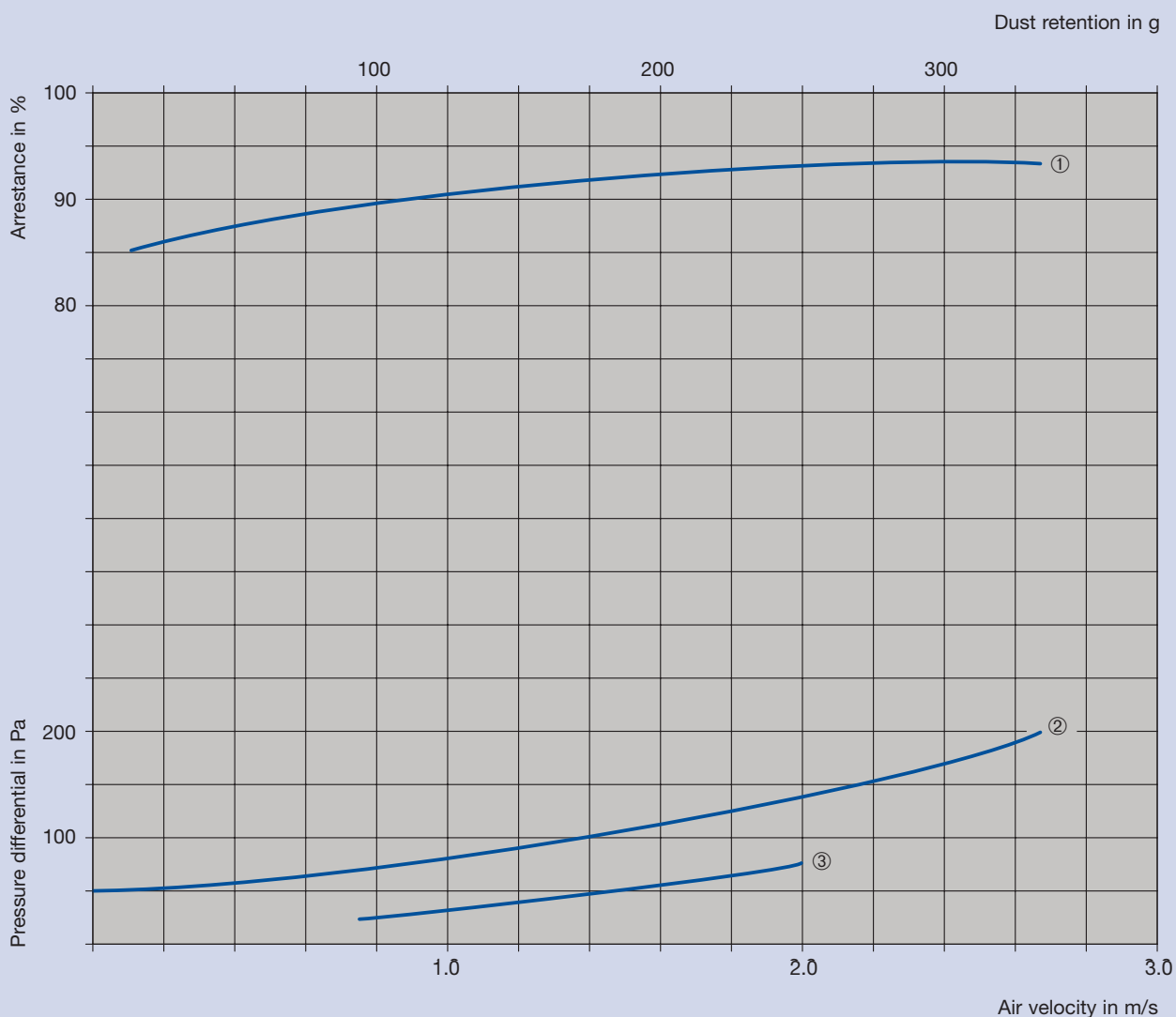
F711 media is used as a filter mat in air handling units and panel air filter assemblies in ventilation and air conditioning units.

The filter media consists of chemical fibres with a plastic bonding agent. The special structure guarantees a high dust holding capacity with low increase in pressure differential.

Filter performance data shown are based on average production values.

Filter Media	F711
Filter class to EN 779 ¹⁾	G4
Average synthetic dust weight arrestance approx. in %	90
Nominal air velocity in m/s	1.5
Initial pressure differential at nominal air velocity in Pa	50
Fire resistance to DIN 53438	Class F1
Temperature resistance in °C	up to +100

¹⁾EN 779: "Particle air filters for general ventilation and air conditioning purposes".
(Equivalent to ASHRAE STANDARD 52-76).



Graph ①: Arrestance as a function of dust retention at nominal air velocity.
 Graph ②: Pressure differential as a function of dust retention at nominal air velocity.
 Graph ③: Pressure differential as a function of air velocity (clean sample).

F706 filter media is used in air conditioning systems where higher filtration standards are required.

The filter media consists of a special structure of fine, high density chemical fibres giving material with good filtration properties.

Filter performance data shown are based on average production values.

Filter Media	F706
Filter class to EN 779 ¹⁾	F5
Average atmospheric dust spot efficiency approx. in %	47
Nominal air velocity in m/s	0.25
Initial pressure differential at nominal air velocity in Pa	20
Fire resistance to DIN 53438	Class F1
Temperature resistance in °C	up to +100

¹⁾ EN 779: "Particle air filters for general ventilation and air conditioning purposes".
(Equivalent to ASHRAE STANDARD 52-76).

