

Gas Turbine Air Intake Filters



DESIGNED BY SADETTİN YAZAR

MIKROPOR



SPECIFICATIONS FOR MIKROPOR MTF324660-K1

OUTER DIAMETER	: 324MM
INNER DIAMETER	: 215MM
LENGTH	: 660MM
MEDIA TYPE	: CELLULOSE AND SYNTHETIC BLEND
MEDIA AREA	: 20M2
NOMINAL FLOW	: 1100 M3/H
INITIAL RESISTANCE	: 190 Pa
FINAL RESISTANCE	: 1500 Pa
AVERAGE ATMOSPHERIC DUST SPOT EFFICIENCY	: 92%
AVERAGE DUST WEIGHT ARRESTANCE	: 100%
SAE DUST HOLDING CAPACITY	: 5800 GR
END CAP CONSTRUCTION	: GALVANISED STEEL
INNER AND OUTER TUBE	: EXPANDED GALVANISED STEEL
BONDING MATERIAL	: TWO COMPONENT POLYURETHANE
FIXING LINERS	: HOT MELT ADHESIVE
GASKET MATERIAL	: FOAM IN PLACE POLYURETHANE



SPECIFICATIONS FOR MIKROPOR MTF324660-F9

OUTER DIAMETER	: 324MM
INNER DIAMETER	: 215MM
LENGTH	: 660MM
MEDIA TYPE	: WATER REPELLENT MICRO GLASS FIBER
MEDIA AREA	: 20M2
NOMINAL FLOW	: 1100 M3/H
INITIAL RESISTANCE	: 180 Pa
FINAL RESISTANCE	: 1500 Pa
AVERAGE ATMOSPHERIC DUST SPOT EFFICIENCY	: 98%
AVERAGE DUST WEIGHT ARRESTANCE	: 100%
SAE DUST HOLDING CAPACITY	: 4400 GR
END CAP CONSTRUCTION	: GALVANISED STEEL
INNER AND OUTER TUBE	: EXPANDED GALVANISED STEEL
BONDING MATERIAL	: TWO COMPONENT POLYURETHANE
FIXING LINERS	: HOT MELT ADHESIVE
GASKET MATERIAL	: FOAM IN PLACE POLYURETHANE



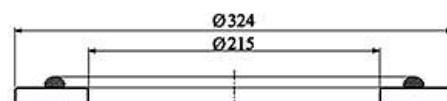
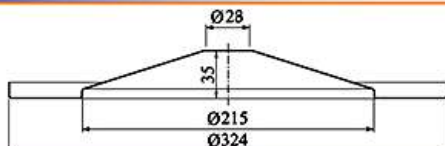
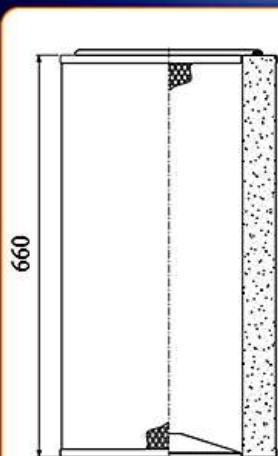
SPECIFICATIONS FOR MIKROPOR MTF324660-P1 GAS TURBINE AIR INTAKE FILTER

OUTER DIAMETER	: 324MM
INNER DIAMETER	: 215MM
LENGTH	: 660MM
MEDIA TYPE	: 478/170 antistatic oleo and hydrophobic washable
MEDIA AREA	: 11M2
NOMINAL FLOW	: 1000 M3/H
INITIAL RESISTANCE	: 200 Pa
FINAL RESISTANCE	: 1500 Pa
RETENTION OF PARTICLES	: 71% @ 0.3-0.5 MICRONS 87% @ 0.5-1.0 MICRONS 95% @ 1.0-3.0 MICRONS 100% @ 3-10 MICRONS
END CAP CONSTRUCTION	: GALVANISED STEEL
INNER TUBE	: EXPANDED GALVANISED STEEL
BONDING MATERIAL	: TWO COMPONENT POLYURETHANE
FIXING LINERS	: HOT MELT ADHESIVE
GASKET MATERIAL	: FOAM IN PLACE POLYURETHANE
FILTER EFFICIENCY (EN779)	: F7
SPECIAL PROPERTY	: WASHABLE



SPECIFICATIONS FOR MIKROPOR MTF324660-S

OUTER DIAMETER	: 324MM
INNER DIAMETER	: 215MM
LENGTH	: 660MM
MEDIA TYPE	: SYNTHETIC
MEDIA AREA	: 20M2
NOMINAL FLOW	: 1100 M3/H
INITIAL RESISTANCE	: 200 Pa
FINAL RESISTANCE	: 1500 Pa
AVERAGE ATMOSPHERIC DUST SPOT EFFICIENCY	: 94%
AVERAGE DUST WEIGHT ARRESTANCE	: 100%
SAE DUST HOLDING CAPACITY	: 5200 GR
END CAP CONSTRUCTION	: GALVANISED STEEL
INNER AND OUTER TUBE	: EXPANDED GALVANISED STEEL
BONDING MATERIAL	: TWO COMPONENT POLYURETHANE
FIXING LINERS	: HOT MELT ADHESIVE
GASKET MATERIAL	: FOAM IN PLACE POLYURETHANE





SPECIFICATIONS FOR MIKROPOR

MTF445324660-K1

MTF 445324710-K1

MTF570445710-K1

OUTER DIAMETER 1	: 445MM	: 445MM	: 570MM
INNER DIAMETER 1	: 330MM	: 330MM	: 445MM
OUTER DIAMETER 2	: 324MM	: 324MM	: 455MM
INNER DIAMETER 2	: 215MM	: 212MM	: 332MM
LENGTH	: 660MM	: 710MM	: 710MM
MEDIA TYPE	: CELLULOSE AND SYNTHETIC BLEND	: CELLULOSE AND SYNTHETIC BLEND	
MEDIA AREA	: 28M2	: 27M2	: 39M2
NOMINAL FLOW	: 1500 M3/H	: 1600 M3/H	: 2300M3/H
INITIAL RESISTANCE	: 190 Pa	: 190 Pa	
FINAL RESISTANCE	: 1500 Pa	: 1500 Pa	
AVERAGE ATMOSPHERIC DUST SPOT EFFICIENCY	: 92%	: 92%	
AVERAGE DUST WEIGHT ARRESTANCE	: 100%	: 100%	
SAE DUST HOLDING CAPACITY	: 7500 GR	: 8000 GR	: 11000 GR
END CAP CONSTRUCTION	: GALVANISED STEEL	: GALVANISED STEEL	
INNER AND OUTER TUBE	: EXPANDED GALVANISED STEEL	: EXPANDED GALVANISED STEEL	
BONDING MATERIAL	: TWO COMPONENT POLYURETHANE	: TWO COMPONENT POLYURETHANE	
FIXING LINERS	: HOT MELT ADHESIVE	: HOT MELT ADHESIVE	
GASKET MATERIAL	: FOAM IN PLACE POLYURETHANE	: FOAM IN PLACE POLYURETHANE	



SPECIFICATIONS FOR MIKROPOR MTF445324660-F9

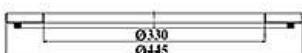
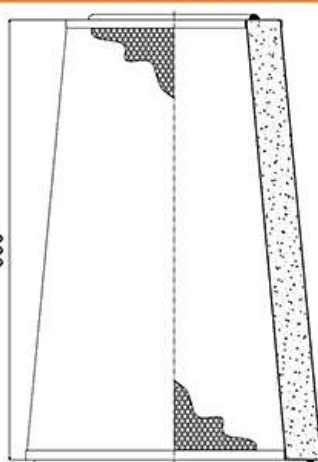
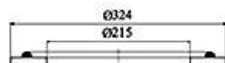
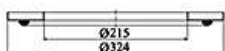
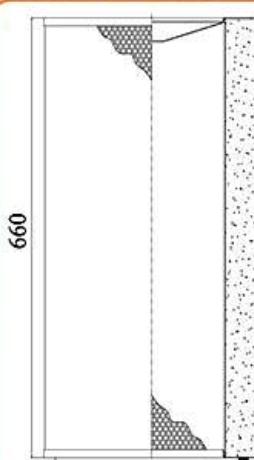
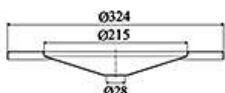
OUTER DIAMETER 1	: 445MM	
INNER DIAMETER 1	: 332MM	
OUTER DIAMETER 2	: 324MM	
INNER DIAMETER 2	: 215MM	
LENGTH	: 660MM	
MEDIA TYPE	: WATER REPELLENT MICRO GLASS FIBER	
MEDIA AREA	: 25M2	
NOMINAL FLOW	: 1500 M3/H	
INITIAL RESISTANCE	: 190 Pa	
FINAL RESISTANCE	: 1500 Pa	
AVERAGE ATMOSPHERIC DUST SPOT EFFICIENCY	: 98% (F9)	
AVERAGE DUST WEIGHT ARRESTANCE	: 100%	
SAE DUST HOLDING CAPACITY	: 4800 GR	
END CAP CONSTRUCTION	: GALVANISED STEEL	
INNER AND OUTER TUBE	: EXPANDED GALVANISED STEEL	
BONDING MATERIAL	: TWO COMPONENT POLYURETHANE	
FIXING LINERS	: HOT MELT ADHESIVE	
GASKET MATERIAL	: EPIDERM	

SPECIFICATIONS FOR MIKROPOR MTF445324660-P1

OUTER DIAMETER 1	: 445MM	
INNER DIAMETER 1	: 332MM	
OUTER DIAMETER 2	: 324MM	
INNER DIAMETER 2	: 215MM	
LENGTH	: 660MM	
MEDIA TYPE	: 478/170 antistatic oleo and hydrophobic washable	
MEDIA AREA	: 15M2	
NOMINAL FLOW	: 1500 M3/H	
INITIAL RESISTANCE	: 200 Pa	
FINAL RESISTANCE	: 1500 Pa	
RETENTION OF PARTICLES	: 71% @ 0.3-0.5 MICRONS	
	: 87% @ 0.5-1.0 MICRONS	
	: 95% @ 1.0-3.0 MICRONS	
	: 100% @ 3-10 MICRONS	
END CAP CONSTRUCTION	: GALVANISED STEEL	
INNER TUBE	: EXPANDED GALVANISED STEEL	
BONDING MATERIAL	: TWO COMPONENT POLYURETHANE	
FIXING LINERS	: HOT MELT ADHESIVE	
GASKET MATERIAL	: FOAM IN PLACE POLYURETHANE	
FILTER EFFICIENCY (EN779)	: F7	
SPECIAL PROPERTY	: WASHABLE	

SPECIFICATIONS FOR MIKROPOR MTF445/324660-S

OUTER DIAMETER 1	: 445MM	
INNER DIAMETER 1	: 330MM	
OUTER DIAMETER 2	: 324MM	
INNER DIAMETER 2	: 215MM	
LENGTH	: 660MM	
MEDIA TYPE	: SYNTHETIC	
MEDIA AREA	: 25M2	
NOMINAL FLOW	: 1500 M3/H	
INITIAL RESISTANCE	: 170 Pa	
FINAL RESISTANCE	: 1500 Pa	
AVERAGE ATMOSPHERIC DUST SPOT EFFICIENCY	: 94%	
AVERAGE DUST WEIGHT ARRESTANCE	: 100%	
SAE DUST HOLDING CAPACITY	: 6500 GR	
END CAP CONSTRUCTION	: GALVANISED STEEL	
INNER AND OUTER TUBE	: EXPANDED GALVANISED STEEL	
BONDING MATERIAL	: TWO COMPONENT POLYURETHANE	
SEPARATORS BETWEEN PLEATS	: HOT MELT ADHESIVE	
GASKET MATERIAL	: FOAM IN PLACE POLYURETHANE	

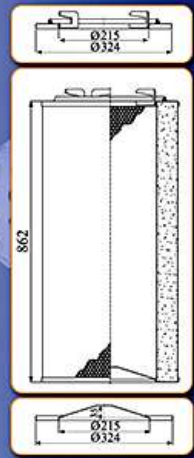




SPECIFICATIONS FOR MIKROPOR MTF324862-K1



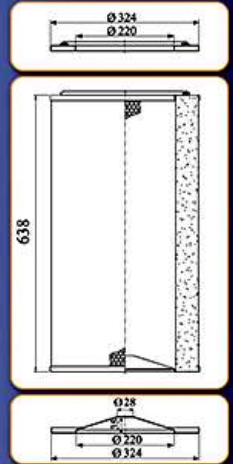
INSTALLATION	: TWIST LOCK WITH 3 HOOKS
OUTER DIAMETER	: 324 MM
INNER DIAMETER	: 215 MM
LENGTH	: 862 MM
MEDIA TYPE	: CELLULOSE AND SYNTHETIC BLEND
MEDIA AREA	: 25M2
NOMINAL FLOW	: 1360 M3/H
INITIAL RESISTANCE	: 157 Pa
FINAL RESISTANCE	: 1500 Pa
AVERAGE ATMOSPHERIC DUST SPOT EFFICIENCY	: 92.40%
AVERAGE DUST WEIGHT ARRESTANCE	: 99.50%
SAE DUST HOLDING CAPACITY	: 8197 GR
END CAP CONSTRUCTION	: GALVANIZED STEEL
INNER AND OUTER TUBE	: EXPANDED GALVANIZED STEEL
BONDING MATERIAL	: TWO COMPONENT POLYURETHANE
FIXING LINERS	: HOT MELT ADHESIVE
GASKET MATERIAL	: FOAM IN PLACE POLYURETHANE



SPECIFICATIONS FOR MIKROPOR MTF324638-K1



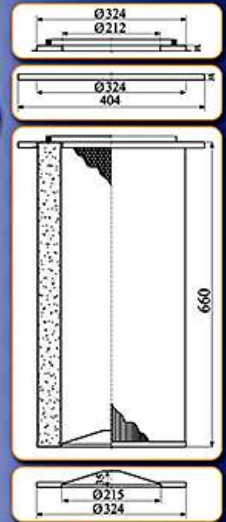
OUTER DIAMETER	: 324MM
INNER DIAMETER	: 220MM
LENGTH	: 638MM
MEDIA TYPE	: CELLULOSE AND SYNTHETIC BLEND
MEDIA AREA	: 19.00M2
NOMINAL FLOW	: 1050 M3/H
INITIAL RESISTANCE	: 185 Pa
FINAL RESISTANCE	: 1500 Pa
AVERAGE ATMOSPHERIC DUST SPOT EFFICIENCY	: 92%
AVERAGE DUST WEIGHT ARRESTANCE	: 100%
SAE DUST HOLDING CAPACITY	: 5550 GR
END CAP CONSTRUCTION	: GALVANISED STEEL
INNER AND OUTER TUBE	: EXPANDED GALVANISED STEEL
BONDING MATERIAL	: TWO COMPONENT POLYURETHANE
FIXING LINERS	: HOT MELT ADHESIVE
GASKET MATERIAL	: FOAM IN PLACE POLYURETHANE



SPECIFICATIONS FOR MIKROPOR MTF404360660-K1



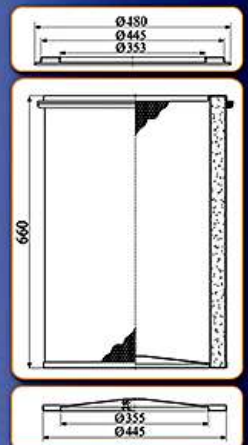
FLANGE DIMENSIONS	: 404X360MM
OUTER DIAMETER	: 324MM
INNER DIAMETER	: 212MM
LENGTH	: 660MM
MEDIA TYPE	: CELLULOSE AND SYNTHETIC BLEND
MEDIA AREA	: 20M2
NOMINAL FLOW	: 1100 M3/H
INITIAL RESISTANCE	: 190 Pa
FINAL RESISTANCE	: 1500 Pa
AVERAGE ATMOSPHERIC DUST SPOT EFFICIENCY	: 92%
AVERAGE DUST WEIGHT ARRESTANCE	: 100%
SAE DUST HOLDING CAPACITY	: 5800 GR
END CAP CONSTRUCTION	: GALVANISED STEEL
INNER TUBE	: EXPANDED GALVANISED STEEL
BONDING MATERIAL	: TWO COMPONENT POLYURETHANE
FIXING LINERS	: HOT MELT ADHESIVE
GASKET MATERIAL	: FOAM IN PLACE POLYURETHANE



SPECIFICATIONS FOR MIKROPOR MTF480660-K1



FLANGE DIAMETER	: 480MM
OUTER DIAMETER	: 445MM
INNER DIAMETER	: 353MM
LENGTH	: 660MM
MEDIA TYPE	: CELLULOSE AND SYNTHETIC BLEND
MEDIA AREA	: 22.50M2
NOMINAL FLOW	: 1100 M3/H
INITIAL RESISTANCE	: 180 Pa
FINAL RESISTANCE	: 1500 Pa
AVERAGE ATMOSPHERIC DUST SPOT EFFICIENCY	: 92% (F8)
AVERAGE DUST WEIGHT ARRESTANCE	: 100%
SAE DUST HOLDING CAPACITY	: 5800 GR
END CAP CONSTRUCTION	: GALVANISED STEEL
INNER AND OUTER TUBE	: EXPANDED GALVANISED STEEL
BONDING MATERIAL	: TWO COMPONENT POLYURETHANE
FIXING LINERS	: HOT MELT ADHESIVE
GASKET MATERIAL	: FOAM IN PLACE POLYURETHANE



MIKROPOR

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