

PLASTIC PALL RINGS

astraPAK®

METALLIC PALL RINGS

ALTERNATIVE PACKINGS

BIOLOGICAL & TRICKLE FILTER

PACKAGING & TRANSPORT

PallPAK BIOLOGICAL & TRICKLE FILTER MEDIA



PallPAK random plastic media combines a high surface area for aerobic or anaerobic biological treatment of waste water excellent liquid distribution and high voidage.

PallPAK random plastic media is specifically designed for trickle filters & bio-reactors. Developed to give maximum surface area for biological activity & with the 1:1 ratio will act as a random media and prevent stratification within the bed.

Having side windows and high voidage prevents blockage problems and gives excellent flow throughout the bed. Designed for single or two stage trickle filters achieving up to 95% BOD removal. Small ribs to assist in bacteriological growth.

FEATURES:

STRONG & LONG LASTING IN HIGH QUALITY POLYPROPYLENE POLYMER

LARGE SURFACE AREA TO ENCOURAGE GROWTH OF MICRO-ORGANISMS

LOW INSTALLATION & MAINTENANCE COST

LOW BLOCKING TENDENCY

HIGH VOIDAGE ENSURES A FLOW PATTERN WHICH GIVES CONTINUAL CONTACT BETWEEN EFFLUENT AND BIOMASS

UV STABILIZED & CHEMICALLY INERT POLYPROPYLENE. IMMUNE TO FUNGAL OR BACTERIAL ATTACK

EASY TO SHIP

COST EFFECTIVE SOLUTION

FOR APPLICATIONS REQUIRING MEDIA WHICH SINKS IN WATER USE TYPE 'S'

APPLICATIONS:

ANAEROBIC & AEROBIC TREATMENT OF EFFLUENT

AEROBIC TRICKLE FILTER MEDIA IN WASTE WATER TREATMENT PLANTS

SUBMERGED MEDIA BED FOR BIO REACTORS

AERATION IN LARGE AQUARIUMS & FISH AQUACULTURES

IDEAL FOR BOTH NEW & REPLACEMENT MEDIA BEDS

INCREASE EFFICIENCY BY REPLACING ROCK & OTHER LESS EFFICIENT BEDS

TECHNICAL DATA

PACKING TYPE ("B" ≤ SG 0.92) ("S" ≥ SG1.01)	Nominal Size /mm	Weight/ (Kg/m ³)	Void Space /%	Specific Surface Area/ (m ² /m ³)	Temperature Range up to
PallPAK 100 B	90 x 90	51.8	95	100	90°C
PallPAK 100 S	90 x 90	56.9	95	100	90°C
PallPAK 80 B	90 x 90	45.3	95	80	90°C
PallPAK 80 S	90 x 90	50.8	95	80	90°C
PallPAK 60 B	90 x 90	38.8	96	60	90°C
PallPAK 60 S	90 x 90	44.8	96	60	90°C