

FILTER-MART

C O R P O R A T I O N

POLYPROPYLENE BAG FILTERS



The products we supply replace those of many manufacturers and several OEMs. All elements are manufactured to meet or exceed the specifications of the original equipment manufacturer.

FILTER-MART CORPORATION
P.O. BOX 1327 COOKEVILLE, TN 38503-1327
PHONE 800-487-7493 800-669-6303
EMAIL: FILTERS@FILTERMART.COM

POLYPROPYLENE BAG FILTERS

INDUSTRIAL FILTRATION INCLUDES MANY APPLICATIONS IN WHICH THE PROCESS REQUIRES REMOVAL OF OILS. THESE OILS MAY BE INTRODUCED TO THE PROCESS THROUGH ONE OR MORE OF SEVERAL METHODS: (1) LEAKAGE OF HYDRAULIC GREASES AND OILS FROM THE MACHINES USED IN THE PROCESS; (2) ACCIDENTAL INTRODUCTION OF OILS AND GREASE THROUGH ERROR, AND; (3) INTRODUCTION OF OILS AND CONTAMINANTS THROUGH PRIOR PARTS PROCESSES. IN ORDER TO PROVIDE OPTIMUM REMOVAL OF OILS FROM WASH OR FILTRATION PROCESSES WE HAVE AVAILABLE A LINE 100% MULTI-LAYERED POLYPROPYLENE BAGS FOR USE IN ALL INDUSTRIAL APPLICATIONS. THESE CAN BE DESIGNED TO FIT ALL BRANDS OF FILTRATION VESSELS AND APPLICATIONS.

THESE BAGS HAVE BEEN USED EXTENSIVELY THROUGHOUT INDUSTRY FOR VARIOUS INDUSTRIAL APPLICATIONS AND HAVE PERFORMED EXTREMELY WELL IN EACH OF THESE APPLICATIONS:

INDUSTRIAL WASH SYSTEMS: THE MULTI-LAYERED POLYPROPYLENE MATERIAL PERFORMS EXTREMELY WELL IN INDUSTRIAL WASH SYSTEMS FOR BOTH PARTICULATE REMOVAL AS WELL AS FOR REMOVAL OF TRAMP OILS FROM THE WASH PROCESS. THE MATERIAL PROVIDES FOR LONG LIFE AS WELL AS FOR EFFICIENT PARTICULATE REMOVAL.. NORMALLY, THE BAG IS DEVELOPED AROUND THE PARTICULAR APPLICATION, PROVIDING MAXIMUM EFFICIENCY AND ECONOMIC FEASIBILITY IN BAG USAGE. THE RANGE OF PARTICULATE REMOVAL RANGES FROM 3-5 MICRON (4 LAYER) TO 20+MICRON (1 LAYER) WHICH PROVIDES FOR A WIDE RANGE OF CUSTOMER APPLICATIONS.

WATER-BASED COOLANT SYSTEMS: THIS MATERIAL WORKS EXTREMELY WELL IN WATER-BASED COOLANT SYSTEMS. ONE OF THE PRIMARY CHARACTERISTICS OF POLYPROPYLENE IS ITS ABILITY TO WICK TRAMP OILS FROM THE COOLANT WITHOUT BLINDING OFF COOLANT FLOW. THIS ALLOWS FOR BOTH PARTICULATE REMOVAL AS WELL AS FOR INCREASED LIFE OF THE COOLANT BEING USED. BAG DEVELOPMENT AROUND THE PARTICULAR APPLICATION PERMITS AN UNDERSTANDING OF PARTICULATE SIZE AND PHYSICAL CHARACTERISTICS. THIS ALLOWS THE SERVICE REPRESENTATIVE TO WORK DIRECTLY WITH THE PROCESS ENGINEER TO DEVELOP A PRODUCT THAT WILL PROVIDE MAXIMUM PROCESS EFFICIENCY AND ECONOMIC FEASIBILITY IN BAG USAGE.

OIL-BASED COOLANT OR HYDRAULIC SYSTEMS: THESE BAGS CAN BE USED VERY EFFECTIVELY IN EITHER OIL-BASED COOLANT OR HYDRAULIC SYSTEMS FOR THE REMOVAL OF SYSTEM PARTICULATE. THEY ARE ESPECIALLY EFFECTIVE IN FINE PARTICLE REMOVAL IN GRINDING OR HONING PROCESSES; THEY ARE DESIGNED TO REMOVE PARTICULATE DOWN TO 3-5 MICRON LEVELS. THE USE OF BAGS ALLOWS FOR THE COLLECTION OF PARTICULATE INSIDE THE FILTER THAT AIDES IN THE REMOVAL FROM THE SYSTEM WITHOUT ACCIDENTAL DUMPING. NORMALLY, THE BAG IS DEVELOPED AROUND THE PARTICULAR APPLICATION SO THAT AN UNDERSTANDING OF PARTICULATE SIZE AND PHYSICAL CHARACTERISTICS MAY BE DEVELOPED, PROVIDING MAXIMUM PROCESS EFFICIENCY AND ECONOMIC FEASIBILITY IN BAG USAGE.