

DIKE-O-SEAL INC.

DIKE-O-LASTIC PREFORM SEALS

AN EFFECTIVE SEAL CAN BE ACHIEVED IN CORE BOXES AND GASSING PLATES WITH THE USE OF DIKE-O-LASTIC PREFORM SEALS. A MACHINED GROOVE AROUND THE PERIMETER OF THE CORE BOX CAVITY, OR INDIVIDUAL CAVITIES IN THE CASE OF MULTI-CAVITY BOXES WILL ACCEPT THE DIKE-O-LASTIC SEAL WITHOUT THE USE OF ADHESIVES IN MOST CASES.

THE DISTANCE OF THE NEAREST EDGE OF THE GROOVE SHOULD BE ONE-FOURTH INCH FROM THE CAVITY. IT IS IMPORTANT TO MAINTAIN A UNIFORM DISTANCE FROM THE CAVITY IN ORDER TO KEEP THE PRESSURE EQUAL. CORNERS CAN BE MACHINED AT A 45 DEGREE ANGLE TO THE INTERSECTING GROOVES, THIS WILL ALLOW THE PREFORM SEAL TO BE SET INTO THE GROOVE WITHOUT CUTTING AND BONDING THE JOINTS.

IT IS IMPORTANT TO INDICATE THE TYPE OF PROCESS THE EQUIPMENT WILL BE USED IN SINCE THE COLD SET PROCESS FORMULATION OF DIKE-O-SEAL PREFORM SEALS DIFFERS FROM THAT USED IN AN OIL SAND OPERATION.

PREFORM COLD SET CONTINUOUS LENGTH SEALS ARE AVAILABLE IN BOTH 20 & 40 SHORE A DUROMETER UNLESS NOTED. OIL SAND IS ONLY AVAILABLE IN 4FT LENGTHS AND 40 SHORE A DUROMETER.

20 DUROMETER SEALS REQUIRE APPROX. 2 - 3 LBS. OF COMPRESSION PER LINEAL INCH. 40 DUROMETER SEALS REQUIRE APPROX. 10 - 12 LBS. PER LINEAL INCH.