



# KORFF & CO KG

## Insulation-Systems for pipes



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### ISOL-PERFEKT®-cold clamps Type170/170FL/171/175

made from CFC free, surface-sealed, polyurethane foam - RG 250 kg/cbm, Flammability grade B2 in accordance with DIN 4102 B2 - FIW K 037/84, measurements of thermal conductivity in accordance with test report FIW-1-616/91 at 0° C mean temperature - 0.040 W(m.K) vapour diffusion resistance factor in accordance with DIN 52615 section 4-2- mean value  $\mu$  2500 with foam.



### ISOL-PERFEKT®-cold clamps Type 160 - KORFF-FLEX® pipe supports,

made from CFC free, surface-sealed, polyurethane foam - RG 250 kg/cbm, Flammability grad B2 in accordance with DIN 4102 B2 - FIW K 037/84, measurements of thermal conductivity in accordance with test report FIW F-1-616/91 at 0°C mean temperature - 0.040 W(m.K), vapour diffusion resistance factor in accordance with DIN 52615 section 4.2- mean value  $\mu$  >2500 with soundproof metal frame on the outer surface



### KORFF-FLEX® -india rubber tubes and sheets

made from highly flexible sealed foam based on synthetic rubber, flame resistant, in accordance with DIN 4102 B1 (tubes up to 32 mm, sheets 9-32 mm actual insulation thickness). water vapour permeability >7000 $\mu$  . survey FIW Munich - U 2.58/95. Licence for general supervision of construction P-BWU03-I-16.5.51 Deutsches Institut für Bautechnik, Berlin, for tubes up to 32 mm, sheets from 9 to 32 mm effective insulation thickness.



### KOCOFOAM®-shells,-bends,-segments,-heads

made of STYROFOAM®\*-extruded foam, PUR/PIR, EPS, flame resistant in accordance with DIN 4102 BI. PA III 2.334. Calculated value of thermal conductivity in accordance with DIN 4108 0,035 W(m.K) production with CNC machines in all desired diameters and insulation thicknesses. On request with custom built concealed vapour block of pure aluminium foil.



### ISOL-PERFEKT® Profi. SB, ISOL-PERFEKT® Profi II 035

PVC casing with hook-locking edge, mineral fibre shell, calculated value of thermal conductivity DIN 52613 0.040 W (m.K)/0,035 W(m.K) DIN 4102 B2. Upper limit of applicable temperature + 230 ° C. Code number of insulation material in accordance with AGI-Q 132 - 11.08.10.12.03, controlled by VID/FIW



### ISOL-PERFEKT® - Foam DS

PVC casing with hook-locking edge, melamine foam insulating support, milled to form, made of BASOTECT®\*, flameresitant in accordance with DIN 4102 B1 - PA III 2.2225. Thermal conductivity in accordance with DIN 52613 - 0.038 W (m.K) in accordance with FIW G 2-062/95. Upper limit of applicable temperature +150°C indenfinite, +200°C 3 weeks, +250°C 24 hours.



### ISOL-PERFEKT® - FE / ISOL-PERFEKT®-AL

galvaniced metal casing 0,4 mm/sea-water-resitant aluminium casing 0,4 mm, with hook-locking edge, mineral fibre shell, calculated value of thermal conductivity DIN 52613 0.040 W(m.K) DIN 4102 class A Upper limit o applicable temperture +230C.Code number of insulation material in accordance with AGI-Q132 - 11.08.10.12.03, controlled by VDI 2055.



### ISOL-PERFEKT® - MF - Pipe shells

CNC-made mineral fibre block ware, non-inflammable in accordance with DIN 4102, PA III 4284, Calculated value of thermal conductivity with HAV 0.040 W (m.K) controlled by FIW Munich - UE 2.31/92-UE2.55/94 Code Nr. of insulation material in accordance with AGI 11.08.10.12.03 - controlled by VDI 2055