



PEXa – the pipe for fluids with high temperatures



A high-quality pipe with exceptional properties: The peroxide cross linking of HDPE makes the PEXa pipe one of the best of its kind. There is a good reason why these pipes are used in areas with particularly high specification requirements. This includes the heating and sanitary sector, geothermal plants,

district heating and industrial applications.

WEBER offer equally powerful extruders for these high performance pipes – and specially customised systems in cooperation with renowned partners.

Extrusion of PEXa pipes

These pipes have been manufactured with the proven ram extrusion process for decades. Infrared cross linking technology can be used to multiply the previously achieved output capacity of the ram process. This economical manufacturing method lends new impetus to PEXa pipes.

WEBER have developed a special processing technology for this method and offer extruders and pipe heads with a capacity of up to 350 kg/h and a pipe diameter of up to 160 mm.

Advantages of WEBER PEXa extruders

- High output capacities
- Maximum process reliability
- Good melting homogeneity at very low compound temperatures
- Practically oriented, proven system components

PEXa extruder *PEX Extrusion Twin Screw Series*

Extruder	Pipe head	Output range [kg/h]	Dimensional range Ø [mm]
CE 7 PEX	PKX 1	30 – 100	10 – 20
DS 7 PEX	PKX 1	60 – 120	16 – 32
DS 9 PEX	PKX 2	120 – 230	32 – 63
DS 11 PEX	PKX 3	250 – 350	63 – 160



PEXa pipes with oxygen diffusion barriers

WEBER co-extruders and WEBER double wall coating heads allow production of PEXa pipes with oxygen diffusion barriers.



PEX dosing