|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | FLEXSTAR Assortment  FLEXSTAR - District heating pipeline  Composite system according to EN 15632 -1 /-2 suitable up to:  max. 95°C (sliding)  max. 80°C Continuous operating temperature  max. 6 bar Operating pressure  consisting of:  **Medium pipe**  made of cross-linked polyethylene (PEX) with oxygen diffusion barrier (EVOH)  **Insulation**  made of continuously produced CFC-free, flexible and longitudinally waterproof high-pressure polyurethane foam with the following thermal conductivities: FLEXSTAR:  ≤ 0.025 W/mK (≤ Ø 105 mm)  **Protective jacket**  made of an extremely sinusoidally corrugated, seamlessly extruded pol-yethylene (LLD-PE) including factory test  Delivery on drums, in rings or as a set  **Single pipe FLEXSTAR-UNO**  Lfd. m FLEXSTAR 25/70  Lfd. m FLEXSTAR 32/70  Lfd. m FLEXSTAR 40/90  Lfd. m FLEXSTAR 50/90  Lfd. m FLEXSTAR 63/105  **Ducting FLEXSTAR -DUO**  Lfd. m FLEXSTAR 25+25/90  Lfd. m FLEXSTAR 32+32/105  Lfd. m FLEXSTAR 40+40/125  Lfd. m FLEXSTAR 50+50/150  Connector (screw connection)  For connection to continuing lines PEX connection piece (screw connection) made of brass with external thread suitable for:  Piece PEX 25 mm  Piece PEX 32 mm  Piece PEX 40 mm  Piece PEX 50 mm  Piece PEX 63 mm  Connecting piece (press connection)  Made of brass with external thread suitable for:  Piece PEX 25 mm  Piece PEX 32 mm  Piece PEX 40 mm  Piece PEX 50 mm  Piece PEX 63 mm  Coupling (screw connection)  Made of brass for connecting two FLEXSTAR heat pump pipes (without insulation material) suitable for:  Piece PEX 25 mm on 25 mm  Piece PEX 32 mm on 25 mm  Piece PEX 32 mm on 32 mm  Piece PEX 40 mm on 32 mm  Piece PEX 40 mm on 40 mm  Piece PEX 50 mm on 40 mm  Piece PEX 50 mm on 50 mm  Piece PEX 63 mm on 50 mm  Piece PEX 63 mm on 63 mm  Coupling (press connection)  Made of brass / steel\* for connecting two FLEXSTAR heat pump pipes (without insulation material) suitable for:  Piece PEX 25 mm on PEX 25 mm  Piece PEX 32 mm on PEX 25 mm  Piece PEX 32 mm on PEX 32 mm  Piece PEX 40 mm on PEX 32 mm  Piece PEX 40 mm on PEX 40 mm  Piece PEX 50 mm on PEX 40 mm  Piece PEX 50 mm on PEX 50 mm  Piece PEX 63 mm on PEX 50 mm  Piece PEX 63 mm on PEX 63 mm  Elbow 90° (press connection)  Made of brass or steel for connecting two FLEXSTAR heat pump pipes (without insulation material) suitable for:  Piece PEX 25 mm**\***  Piece PEX 32 mm**\***  Piece PEX 40 mm**\***  Piece PEX 50 mm**\***  Piece PEX 63 mm**\***  \* Post-insulation with L or Big-L - clip shells  \* Post-insulation with Big-L clip shells  Shrink-on end cap for damp locations  Heat-shrinkable, as termination for house entries, consisting of:  Molecularly cross-linked and modified polyolefin coated with sealing adhesive. (Temperature resistant up to 125 °C) Incl. temperature gauge and abrasive belt.  Shrink-on end cap for FLEXSTAR -UNO  suitable for:  Piece FLEXSTAR 25/70  Piece FLEXSTAR 32/70  Piece FLEXSTAR 40/90  Piece FLEXSTAR 50/90  Piece FLEXSTAR 63/105  Shrink-on end cap for FLEXSTAR -DUO  Piece FLEXSTAR 25+25/90  Piece FLEXSTAR 32+32/105  Piece FLEXSTAR 40+40/125  Piece FLEXSTAR 50+50/150  End cap for drying rooms  As a closure for house furnishings, consisting of:  PE-LD push-on cap  End cap for FLEXSTAR -UNO  Piece FLEXSTAR 25/70  Piece FLEXSTAR 32/70  Piece FLEXSTAR 40/90  Piece FLEXSTAR 50/90  Piece FLEXSTAR 63/105  End cap for FLEXSTAR-DUO  Piece FLEXSTAR 25+25/90  Piece FLEXSTAR 32+32/105  Piece FLEXSTAR 40+40/125  Piece FLEXSTAR 50+50/150  Sealing ring  Consisting of a specially profiled neoprene ring suitable for:  Piece Outer pipe 70 mm  Piece Outer pipe 90 mm  Piece Outer pipe 105 mm  Piece Outer pipe 125 mm  Piece Outer pipe 150 mm  Rentable tool for press connectors  Dimensions: ø 20 - 40 mm (heating / sanitary)  Tool for dimensions ø 20 - 40, consisting of: Tool case, expanding tool and pressing tool  1 Set  Rentable tool set for press connectors  Dimensions: ø 50 - 110 mm  Set consisting of 2 tool cases  1 tool case with expanding tool ø 50 - 110  1 tool case with grouting tool ø 50 - 110  both tool cases are necessary  1 Set |  |  |