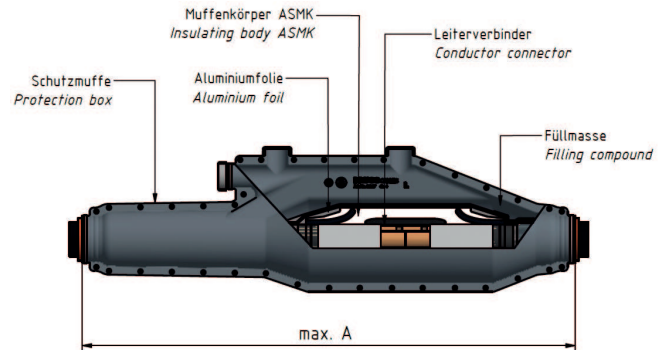


# Joint type MPFP

**With metallic radial moisture barrier and glass fiber reinforced outer protection  
For polymeric cables up to 245 kV**

Fast and easy to install the MPFP is particularly conceived for the reliable connection of polymeric cables up to 245 kV. The two part sectionalized outer protection can be easily installed without parking position and admits all types of cable screen connection. Thanks to the glass fiber reinforced outer protection filled with resin compound the MPFP is ideal for all kind of installations including directly buried. The joints are type tested according to the international standards IEC 60840 ( $\leq 170$  kV) and IEC 62067 ( $> 170$  kV). For the long-term reliability each unit of silicone body produced are electrically routine tested in our factory.



**Product main features**

- Pre-molded one piece joint body electrically tested at factory
- Available with bolted or DIN compression connectors
- Compact dimensions & lightweight
- Easy and safe to install
- Cable screen connection without plumbing or soldering
- Radial moisture metallic barrier
- HDPE protection box filled with PU-resin compound

**Technical data of straight through joints**

Type	Drawing	Max. operating voltage Um kV	Range of diameter over prepared cable insulation, min. - max. mm	Equivalent cable cross-section (Cu/Al) mm <sup>2</sup>	Max. cable diameter mm	Joint dimensions A x B mm
MPFP 1.72-21	S1936-4	72.5	35 - 88	240 - 1600	120	1530 x 433
MPFP 1.145-21	S1934-4	145.0	47 - 78	240 - 1600	120	1530 x 433
MPFP 1.145-22	S1952-4	145.0	78 - 115	1000 - 2500	130	1760 x 477
MPFP 1.170-21	S1932-4	170.0	56 - 69	240 - 2000	130	1760 x 477
MPFP 1.170-22	S1954-4	170.0	69 - 115	1600 - 2500	150	1860 x 498
MPFP 1.245-21	S1931-4	245.0	67 - 120	400 - 2500	150	1960 x 575

**Technical data of cross bonding joints**

Type	Drawing	Max. operating voltage Um kV	Range of diameter over prepared cable insulation, min. - max. mm	Equivalent cable cross-section (Cu/Al) mm <sup>2</sup>	Max. cable diameter mm	Joint dimensions A x B mm
MPFP 1.72-31	S1935-4	72.5	35 - 88	240 - 1600	120	1530 x 433
MPFP 1.145-31	S1915-4	145.0	47 - 78	240 - 1600	120	1530 x 433
MPFP 1.145-32	S1953-4	145.0	78 - 115	1000 - 2500	130	1760 x 477
MPFP 1.170-31	S1933-4	170.0	56 - 69	240 - 2000	130	1760 x 477
MPFP 1.170-32	S1955-4	170.0	69 - 115	1600 - 2500	150	1860 x 498
MPFP 1.245-31	S 1913-4	245.0	67 - 120	400 - 2500	150	1960 x 575