

## PIR Pipe Support Insert

38 to 65 Thickness



### Features and Benefits

- for fixing of thermal isolated pipe of steel, copper or stainless steel
- to be used in combination with hard insulation material a vapour sealed connection with pipe insulation can easily be made by use of aluminum tape
- when installing the pipe support, always align the contact area of the insulation shells horizontally (to prevent tensile and pressure forces)
- size and specific weight are tuned to pipe weight
- material: clamp of steel; insulation shell made of PIR thermally hardening foam with a moisture proof outer covering of glass-fibre reinforced aluminium foil
- does not contain CFC, HCFC, formaldehyde or cadmium
- excellent thermal and mechanical properties
- clamp: zinc plated

### Material information

Specific weight DIN53420 :  
 80 kg/m<sup>3</sup> <108 mm  
 120 kg/m<sup>3</sup> >108 mm

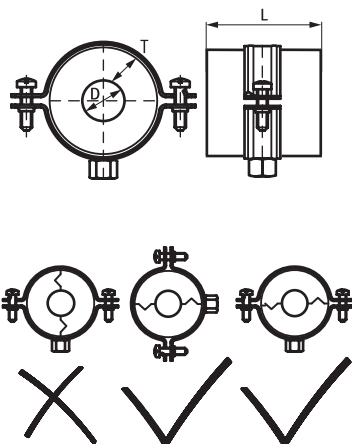
Compressive strenght at 10% deflection as per DIN53421  
 0,56 -0,84 N/mm<sup>2</sup> <108 mm  
 1,20 -1,40 N/mm<sup>2</sup> >108 mm

Operating temperature:  
 -180 °C to +140 °C

Thermal conductivity coefficient as per DIN52612 at 10°C:  
 0,027 W/(m.k) <108 mm  
 0,031 W/(m.k) >108 mm

Vapor diffusion: 7.000

Fire rating as per DIN4102: B2



Part No.	D (")	DN (mm)	T	Total Diameter (mm)	L (mm)
DMPiR123850	1/2"	15	38	97.3	50
DMPiR343850	3/4"	20	38	102.7	50
DMPiR13850	1"	25	38	109.4	50
DMPiR1143850	1 1/4"	32	38	118.1	50
DMPiR1123850	1 1/2"	40	38	124.2	50
DMPiR23850	2"	50	38	136.3	50
DMPiR2123850	2 1/2"	65	38	149	50
DMPiR33850	3"	80	38	164.9	50
DMPiR3123850	3 1/2"	90	38	177.6	50
DMPiR43850	4"	100	38	190.3	50
DMPiR53850	5"	125	38	217.3	50
DMPiR63850	6"	150	38	244.3	50
DMPiR83850	8"	200	38	295.1	50
DMPiR1038100	10	250	38	349	100
DMPiR1238100	12	300	38	399.8	100
DMPiR1438100	14	350	38	431.6	100
DMPiR1638100	16	400	38	482.4	100
DMPiR125050	1/2"	15	50	121.3	50
DMPiR345050	3/4"	20	50	126.7	50
DMPiR15050	1"	25	50	133.4	50
DMPiR1145050	1 1/4"	32	50	142.1	50
DMPiR1125050	1 1/2"	40	50	148.2	50
DMPiR25050	2"	50	50	160.3	50
DMPiR2125050	2 1/2"	65	50	173	50
DMPiR35050	3"	80	50	188.9	50
DMPiR3125050	3 1/2"	90	50	201.6	50
DMPiR45050	4"	100	50	214.3	50
DMPiR55050	5"	125	50	241.3	50
DMPiR65050	6"	150	50	268.3	50
DMPiR85050	8"	200	50	319.1	50
DMPiR1050100	10	250	50	373	100
DMPiR1250100	12	300	50	423.8	100
DMPiR1450100	14	350	50	455.6	100
DMPiR1650100	16	400	50	506.4	100
DMPiR126550	1/2"	15	65	151.3	50
DMPiR346550	3/4"	20	65	156.7	50
DMPiR16550	1"	25	65	163.4	50
DMPiR1146550	1 1/4"	32	65	172.1	50
DMPiR1126550	1 1/2"	40	65	178.2	50
DMPiR26550	2"	50	65	190.3	50
DMPiR2126550	2 1/2"	65	65	203.0	50
DMPiR36550	3"	80	65	218.9	50
DMPiR3126550	3 1/2"	90	65	231.6	50
DMPiR46550	4"	100	65	244.3	50
DMPiR56550	5"	125	65	271.3	50
DMPiR66550	6"	150	65	298.3	50
DMPiR86550	8"	200	65	349.1	50
DMPiR1065100	10	250	65	403.0	100
DMPiR1265100	12	300	65	453.8	100
DMPiR1465100	14	350	65	485.6	100
DMPiR1665100	16	400	65	536.4	100

Custom thickness and lenght are available upon request.