

ThermaSmart® PRO rørskål

Termisk isolering fra Thermaflex®

Fuldt genanvendeligt
isoleringsprodukt fremstillet af direkte
Ekstruderet, lukket celle af høj kvalitet
Termoplast-Elastomerisk skum

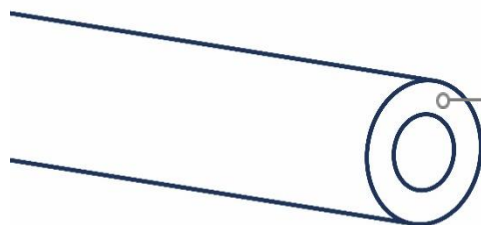


Fordele

- Kondenseringsfrit system i hele levetiden skal installeres af kvalificeret isolatør
- Lav risiko for korrosion under isoleringen
- Konsekvent ydeevne - rivefast, robust isoleringsmateriale
- Sikkerhed - Fremragende brand- og røg egenskaber
- Mulighed for hurtig fremstilling af præ-fab bøjninger - kan svejdes op til ID42 mm
- Få din fordel i det grønne byggeprogram med - Cradle to Cradle Certified™ Bronze, EPD

Anvendelser

- Alle HVAC-R-systemer: Opvarmning, køling, aircondition og køling



Design

Termoplastisk-elastomerisk skum
holdbart isoleringsmateriale



Ansvarsfraskrivelse

Alle anbefalinger og oplysninger på dette datablad er baseret på vores viden og erfaring. Produktspecifikationer er tænkt som retningslinjer. Da servicevilkår er uden for vores kontrol, skal brugerne sikre sig, at produkterne er egnede til den tilsigtede anvendelse. Der er ikke givet eller underforstået nogen garanti eller garanti, eller at enhver brug af produkter ikke krænker rettigheder, der tilhører andre parter. Vi forbeholder os ret til at ændre produktdesign og egenskaber uden varsel.



Tekniske egenskaber

Egenskaber	Enheder SI	Værdier	Testmetode
Fysiske egenskaber			
Dimensionelle tolerancer	-	Sammenhængende	EN 14313
Tæthed	kg/m ³	18 - 40	-
Struktur	-	Fine, lukkede celler	-
Farve	-	Antracit	-
Termiske egenskaber			
Område for servicetemperatur	°C	-80 til +95	-
Maksimal driftstemperatur	°C	+95	EN 14707
Termisk ledningsevne (λ)	W/m-K	0.035 @ 10°C 0.038 @ 40°C	EN ISO 8497
Brandegenskaber			
SBI-klassifikation vægttykkelse 9 mm - 25 mm vægttykkelse 30 mm	-	BL-s1, d0 DL-s2, d0	EN 13501-1
Britisk standard	-	Klasse 1	BS 476 del 7
Britisk standard	-	Klasse 0	BS 476 Del 6
Standard for brændbarhed	-	HF-1	UL94
Vandafvisende egenskaber			
Diffusion af vanddamp	μ	≥ 10,000	EN 13469
Vandabsorption	kg/m ²	0.02	EN 13472



Tilgængelighed

- Standard produktlængde er 2 m (198-204 cm) i papkasser (205x60x40 cm)
- Rør uden spalte



Isolering af rør							
Servicerør Ø max. [mm]	Servicerør Ø max. [inch]	ID Copper / CTS [inch]	ID Iron, PVC, IPS [inch]	Isolering af rør Ø [mm]	Isolering Vægttykkelse [mm]		
					9 (8.0-10.0)	13 (12.0-14.0)	19 (18.0-20.0)
6				7.0-8.5	3004-009006-000	-	-
8				9.0-10.5	3004-009008-000	3004-013008-000	-
10	3/8"	1/4"	1/8"	11.0-12.5	3004-009010-000	3004-013010-000	3004-019010-000
12	1/2"	3/8"		13.0-15.0	3004-009012-000	3004-013012-000	3004-019012-000
15	5/8"	1/2"	1/4"	16.0-17.5	3004-009015-000	3004-013015-000	3004-019015-000
18	3/4"	5/8"	3/8"	19.0-20.5	3004-009018-000	3004-013018-000	3004-019018-000
20				21.0-22.5	3004-009020-000	3004-013020-000	3004-019020-000
22	7/8"	3/4"	1/2"	23.0-24.5	3004-009022-000	3004-013022-000	3004-019022-000
25				26.0-27.5	3004-009025-000	3004-013025-000	3004-019025-000
28	1-1/8"	1"	3/4"	29.0-30.5	3004-009028-000	3004-013028-000	3004-019028-000
32				33.0-35.0	3004-009032-000	3004-013032-000	3004-019032-000
35	1-3/8"	1-1/4"	1"	36.0-38.0	3004-009035-000	3004-013035-000	3004-019035-000
40				42.0-43.5	3004-009040-000	3004-013040-000	3004-019040-000
42	1-5/8"	1-1/2"	1-1/4"	44.0-46.0	3004-009042-000	3004-013042-000	3004-019042-000
48	1-1/2"	1-3/8"	1-1/2"	50.0-52.0	3004-009048-000	3004-013048-000	3004-019048-000
50				52.0-54.0	3004-009050-000	3004-013050-000	3004-019050-000
54	2-1/8"	2"		56.0-58.0	3004-009054-000	3004-013054-000	3004-019054-000
57				59.0-61.0	3004-009057-000	3004-013057-000	3004-019057-000
60	2"		2"	62.0-64.0	3004-009060-000	3004-013060-000	3004-019060-000
63				65.0-67.5	3004-009063-000	3004-013063-000	3004-019063-000
70	2-5/8"	2-1/2"		72.0-74.0	3004-009070-000	3004-013070-000	3004-019070-000
76	2-1/2"		2-1/2"	77.0-79.5	3004-009076-000	3004-013076-000	3004-019076-000
80	3-1/8"	3"		82.0-84.0		3004-013080-000	3004-019080-000
89	3"	3-1/2"	3"	91.5-94.5	-	3004-013089-000	3004-019089-000
102	4-1/8"	4"	3-1/2"	105.0-108.0	-	3004-013102-000	3004-019102-000
108				111.5-114.0	-	3004-013108-000	3004-019108-000
114	4"	4-1/2"	4"	117.0-120.0	-	3004-013114-000	3004-019114-000



Servicerør Ø max. [mm]	Servicerør Ø max. [inch]	ID Copper / CTS [inch]	ID Iron, PVC, IPS [inch]	Isolering af rør Ø [mm]	Isolering Vægtykkelse [mm]	
					25 (24.0-26.0)	30 (29.0-31.0)
6	-	-	-	7.0-8.5	-	-
8	-	-	-	9.0-10.5	-	-
10	3/8"	1/4"	1/8"	11.0-12.5	3004-025010-000	-
12	1/2"	3/8"	-	13.0-15.0	3004-025012-000	3004-030012-000
15	5/8"	1/2"	1/4"	16.0-17.5	3004-025015-000	3004-030015-000
18	3/4"	5/8"	3/8"	19.0-20.5	3004-025018-000	3004-030018-000
20	-	-	-	21.0-22.5	3004-025020-000	3004-030020-000
22	7/8"	3/4"	1/2"	23.0-24.5	3004-025022-000	3004-030022-000
25	-	-	-	26.0-27.5	3004-025025-000	3004-030025-000
28	1-1/8"	1"	3/4"	29.0-30.5	3004-025028-000	3004-030028-000
32	-	-	-	33.0-35.0	3004-025032-000	3004-030032-000
35	1-3/8"	1-1/4"	1"	36.0-38.0	3004-025035-000	3004-030035-000
40	-	-	-	42.0-43.5	3004-025040-000	3004-030040-000
42	1-5/8"	1-1/2"	1-1/4"	44.0-46.0	3004-025042-000	3004-030042-000
48	1-1/2"	1-3/8"	1-1/2"	50.0-52.0	3004-025048-000	3004-030048-000
50	-	-	-	52.0-54.0	3004-025050-000	3004-030050-000
54	2-1/8"	2"	-	56.0-58.0	3004-025054-000	3004-030054-000
57	-	-	-	59.0-61.0	3004-025057-000	3004-030057-000
60	2"	-	2"	62.0-64.0	3004-025060-000	3004-030060-000
63	-	-	-	65.0-67.5	3004-025063-000	3004-030063-000
70	2-5/8"	2-1/2"	-	72.0-74.0	3004-025070-000	3004-030070-000
76	2-1/2"	-	2-1/2"	77.0-79.5	3004-025076-000	3004-030076-000
80	3-1/8"	3"	-	82.0-84.0	3004-025080-000	3004-030080-000
89	3"	3-1/2"	3"	91.5-94.5	3004-025089-000	3004-030089-000
102	4-1/8"	4"	3-1/2"	105.0-108.0	3004-025102-000	3004-030102-000
108	-	-	-	111.5-114.0	3004-025108-000	3004-030108-000
114	4"	4-1/2"	4"	117.0-120.0	3004-025114-000	3004-030114-000



- I spoler op til Ø28 mm og vægtykkelse 6-13 mm,
- i papkasser (61x61x25 cm)



Isolering af rør							
Servicerør Ø max. [mm]	Servicerør Ø max. [inch]	ID Copper / CTS [inch]	ID Iron, PVC, IPS [inch]	Isolering af rør Ø [mm]	Isolering Vægtykkelse [mm]		
					6 (5.0-6.5)	9 (8.0-10.0)	13 (12.0-14.0)
6	-	-	-	7.0-8.5	3104-006006-000	-	-
8	-	-	-	9.0-10.5	3104-006008-000	3104-009008-000	3104-013008-000
10	3/8"	3/8"	1/8"	11.0-12.5	3104-006010-000	3104-009010-000	3104-013010-000
12	1/2"	1/2"	-	13.0-15.0	3104-006012-000	3104-009012-000	3104-013012-000
15	5/8"	5/8"	1/4"	16.0-17.5	3104-006015-000	3104-009015-000	3104-013015-000
18	3/4"	3/4"	3/8"	19.0-20.5	3104-006018-000	3104-009018-000	3104-013018-000
22	7/8"	7/8"	1/2"	23.0-24.5	3104-006022-000	3104-009022-000	3104-013022-000
28	1-1/8"	1-1/8"	3/4"	29.0-30.5	3104-006028-000	3104-009028-000	3104-013028-000



- Pre- fremstillede dele



2-elements albue

Servicerør Ø max. [mm]	Servicerør Ø max. [inch]	ID Copper / CTS [inch]	ID Iron, PVC, IPS [inch]	Isolering af rør Ø [mm]	Isolering Vægtykkelse [mm]		
					9 (8.0-10.0)	13 (12.0-14.0)	19 (18.0-20.0)
8	-	-	-	9.0-10.5	-	3504-013008-001	-
10	3/8"	1/4"	1/8"	11.0-12.5	-	3504-013010-001	-
12	1/2"	3/8"	-	13.0-15.0	-	3504-013012-001	-
15	5/8"	1/2"	1/4"	16.0-17.5	3504-009015-001	3504-013015-001	-
18	3/4"	5/8"	3/8"	19.0-20.5	3504-009018-001	3504-013018-001	-
20	-	-	-	21.0-22.5	3504-009020-001	3504-013020-001	-
22	7/8"	3/4"	1/2"	23.0-24.5	3504-009022-001	3504-013022-001	3504-019022-001
25	-	-	-	26.0-27.5	3504-009025-001	3504-013025-001	-
28	1-1/8"	1"	3/4"	29.0-30.5	3504-009028-001	3504-013028-001	3504-019028-001
32	-	-	-	33.0-35.0	-	3504-013032-001	-
35	1-3/8"	1-1/4"	1"	36.0-38.0	3504-009035-001	3504-013035-001	3504-019035-001
38	-	-	-	36.0-38.0	-	3504-013038-001	-
42	1-5/8"	1-1/2"	1-1/4"	44.0-46.0	3504-009042-001	3504-013042-001	3504-019042-001
48	1-1/2"	1-3/8"	1-1/2"	50.0-52.0	3504-009048-001	3504-013048-001	3504-019048-001
54	2-1/8"	2"	-	56.0-58.0	3504-009054-001	3504-013054-001	3504-019054-001
60	2"	-	2"	62.0-64.0	3504-009060-001	3504-013060-001	3504-019060-001
63	-	-	-	65.0-67.5	3504-009063-001	3504-013063-001	3504-019063-001
76	2-1/2"	-	2-1/2"	77.0-79.5	3504-009076-001	3504-013076-001	-
89	3"	3-1/2"	3"	91.5-94.5	-	3504-013089-001	-
108	-	-	-	111.5-114.0	-	3504-013108-001	-
114	4"	4-1/2"	4"	117.0-120.0	-	3504-013114-001	-



3-elements albue

Servicerør Ø max. [mm]	Servicerør Ø max. [inch]	ID Copper / CTS [inch]	ID Iron, PVC, IPS [inch]	Isolering af rør Ø [mm]	Isolering Vægtykkelse [mm]		
					9 (8.0-10.0)	13 (12.0-14.0)	19 (18.0-20.0)
15	5/8"	1/2"	1/4"	16.0-17.5	3504-009015-031	3504-013015-031	-
18	3/4"	5/8"	3/8"	19.0-20.5	3504-009018-031	3504-013018-031	-
22	7/8"	3/4"	1/2"	23.0-24.5	3504-009022-031	3504-013022-031	3504-019022-031
28	1-1/8"	1"	3/4"	29.0-30.5	3504-009028-031	3504-013028-031	3504-019028-031
35	1-3/8"	1-1/4"	1"	36.0-38.0	-	3504-013035-031	3504-019035-031
42	1-5/8"	1-1/2"	1-1/4"	44.0-46.0	-	3504-013042-031	3504-019042-031
48	1-1/2"	1-3/8"	1-1/2"	50.0-52.0	3504-009048-031	3504-013048-031	3504-019048-031
54	2-1/8"	2"	-	56.0-58.0	-	3504-013054-031	3504-019054-031
60	2"	-	2"	62.0-64.0	3504-009060-031	3504-013060-031	3504-019060-031
63	-	-	-	65.0-67.5	3504-009063-031	3504-013063-031	3504-019063-031



4-elements albue

Servicerør Ø max. [mm]	Servicerør Ø max. [inch]	ID Copper / CTS [inch]	ID Iron, PVC, IPS [inch]	Isolering af rør Ø [mm]	Isolering Vægtykkelse [mm]		
					9 (8.0-10.0)	13 (12.0-14.0)	19 (18.0-20.0)
8	-	-	-	9.0-10.5	-	3504-013008-041	-
10	3/8"	1/4"	1/8"	11.0-12.5	-	3504-013010-041	-
12	1/2"	3/8"	-	13.0-15.0	-	3504-013012-041	-
15	5/8"	1/2"	1/4"	16.0-17.5	3504-009015-041	3504-013015-041	3504-019015-041
18	3/4"	5/8"	3/8"	19.0-20.5	3504-009018-041	3504-013018-041	3504-019018-041
20	-	-	-	21.0-22.5	3504-009020-041	3504-013020-041	-
22	7/8"	3/4"	1/2"	23.0-24.5	3504-009022-041	3504-013022-041	3504-019022-041
25	-	-	-	26.0-27.5	3504-009025-041	3504-013025-041	-
28	1-1/8"	1"	3/4"	29.0-30.5	3504-009028-041	3504-013028-041	3504-019028-041
32	-	-	-	33.0-35.0	-	3504-013032-041	-
35	1-3/8"	1-1/4"	1"	36.0-38.0	3504-009035-041	3504-013035-041	3504-019035-041
38	-	-	-	36.0-38.0	-	3504-013038-041	-
42	1-5/8"	1-1/2"	1-1/4"	44.0-46.0	3504-009042-041	3504-013042-041	3504-019042-041
48	1-1/2"	1-3/8"	1-1/2"	50.0-52.0	3504-009048-041	3504-013048-041	3504-019048-041
54	2-1/8"	2"	-	56.0-58.0	3504-009054-041	3504-013054-041	3504-019054-041
60	2"	-	2"	62.0-64.0	3504-009060-041	3504-013060-041	3504-019060-041
63	-	-	-	65.0-67.5	3504-009063-041	3504-013063-041	3504-019063-041
70	2-5/8"	2-1/2"	-	72.0-73.5	-	-	3504-019070-041
76	2-1/2"	-	2-1/2"	77.0-79.5	3504-009076-041	3504-013076-041	-
89	3"	3-1/2"	3"	91.5-94.5	-	3504-013089-041	3504-019089-041
108	-	-	-	111.5-114.0	-	3504-013108-041	-
114	4"	4-1/2"	4"	117.0-120.0	-	3504-013114-041	-

Servicerør Ø max. [mm]	Servicerør Ø max. [inch]	ID Copper / CTS [inch]	ID Iron, PVC, IPS [inch]	Isolering af rør Ø [mm]	Isolering Vægtykkelse [mm]	
					25 (24.0-26.0)	30 (29.0-31.0)
28	1-1/8"	1"	3/4"	29.0-30.5	-	3504-030028-041
35	1-3/8"	1-1/4"	1"	36.0-38.0	-	3504-030035-041
54	2-1/8"	2"	-	56.0-58.0	3504-025054-041	-
60	2"	-	2"	62.0-64.0	3504-025060-041	-
76	2-1/2"	-	2-1/2"	77.0-79.5	3504-025076-041	-
108	-	-	-	111.5-114.0	3504-025108-041	-
114	4"	4-1/2"	4"	117.0-120.0	-	3504-030114-041



T-stykker							
Servicerør Ø max. [mm]	Servicerør Ø max. [inch]	ID Copper / CTS [inch]	ID Iron, PVC, IPS [inch]	Isolering af rør Ø [mm]	Isolering Vægtykkelse [mm]		
					9 (8.0-10.0)	13 (12.0-14.0)	19 (18.0-20.0)
8	-	-	-	9.0-10.5	-	3504-013008-301	-
10	3/8"	1/4"	1/8"	11.0-12.5	-	3504-013010-301	-
12	1/2"	3/8"	-	13.0-15.0	-	3504-013012-301	-
15	5/8"	1/2"	1/4"	16.0-17.5	3504-009015-301	3504-013015-301	3504-019015-301
18	3/4"	5/8"	3/8"	19.0-20.5	3504-009018-301	3504-013018-301	3504-019018-301
20	-	-	-	21.0-22.5	3504-009020-301	3504-013020-301	-
22	7/8"	3/4"	1/2"	23.0-24.5	3504-009022-301	3504-013022-301	3504-019022-301
25	-	-	-	26.0-27.5	3504-009025-301	3504-013025-301	-
28	1-1/8"	1"	3/4"	29.0-30.5	3504-009028-301	3504-013028-301	3504-019028-301
32	-	-	-	33.0-35.0	-	3504-013032-301	-
35	1-3/8"	1-1/4"	1"	36.0-38.0	3504-009035-301	3504-013035-301	3504-019035-301
38	-	-	-	36.0-38.0	-	3504-013038-301	-
42	1-5/8"	1-1/2"	1-1/4"	44.0-46.0	3504-009042-301	3504-013042-301	3504-019042-301
48	1-1/2"	1-3/8"	1-1/2"	50.0-52.0	3504-009048-301	3504-013048-301	3504-019048-301
54	2-1/8"	2"	-	56.0-58.0	3504-009054-301	3504-013054-301	3504-019054-301
60	2"	-	2"	62.0-64.0	3504-009060-301	3504-013060-301	3504-019060-301
63	-	-	-	65.0-67.5	3504-009063-301	3504-013063-301	3504-019063-301
70	2-5/8"	2-1/2"	-	72.0-73.5	-	-	3504-019070-301
76	2-1/2"	-	2-1/2"	77.0-79.5	3504-009076-301	3504-013076-301	-
89	3"	3-1/2"	3"	91.5-94.5	-	3504-013089-301	3504-019089-301
108	-	-	-	111.5-114.0	-	3504-013108-301	-
114	4"	4-1/2"	4"	117.0-120.0	-	3504-013114-301	-

Servicerør Ø max. [mm]	Servicerør Ø max. [inch]	ID Copper / CTS [inch]	ID Iron, PVC, IPS [inch]	Isolering af rør Ø [mm]	Isolering Vægtykkelse [mm]	
					25 (24.0-26.0)	30 (29.0-31.0)
28	1-1/8"	1"	3/4"	29.0-30.5	-	3504-030028-301
35	1-3/8"	1-1/4"	1"	36.0-38.0	-	3504-030035-301
54	2-1/8"	2"	-	56.0-58.0	3504-025054-301	-
60	2"	-	2"	62.0-64.0	3504-025060-301	-
76	2-1/2"	-	2-1/2"	77.0-79.5	3504-025076-301	-
89	3"	3-1/2"	3"	91.5-94.5	3504-025089-301	-
108	-	-	-	111.5-114.0	3504-025108-301	-
114	4"	4-1/2"	4"	117.0-120.0	3504-025114-301	3504-030114-301