

【保温表面温度】



周囲温度	30.0℃
表面熱伝達率	計算によるもの
取付保温材	001.ガラス筒

※計算はJISに基いて算出しておりますが、計算結果、および性能を保証値するものではありません。参考値として頂きますようお願いいたします

		表面温度:℃															
計算1	80℃	管温度	厚み	15A	20A	25A	32A	40A	50A	65A	80A	100A	125A	150A	200A	250A	300A
		20t	35.5	35.8	36.1	36.4	36.5	36.8	37.1	37.3	37.6	37.8	38.0	38.2	38.4	38.5	
		25t	34.4	34.6	34.9	35.1	35.3	35.5	35.8	36.0	36.2	36.4	36.6	36.8	37.0	37.1	
		30t	33.6	33.8	34.0	34.3	34.4	34.6	34.9	35.0	35.3	35.4	35.6	35.8	35.9	36.1	
		40t	32.6	32.8	33.0	33.2	33.3	33.5	33.7	33.8	34.0	34.1	34.3	34.4	34.6	34.7	
		50t	32.1	32.2	32.3	32.5	32.6	32.7	32.9	33.0	33.2	33.3	33.4	33.6	33.7	33.8	
		65t	31.5	31.6	31.7	31.9	31.9	32.0	32.2	32.3	32.4	32.5	32.6	32.8	32.9	32.9	
		75t	31.3	31.4	31.5	31.6	31.6	31.7	31.9	31.9	32.1	32.2	32.2	32.4	32.5	32.5	
		80t	31.2	31.3	31.4	31.5	31.5	31.6	31.7	31.8	31.9	32.0	32.1	32.2	32.3	32.4	
		90t	31.1	31.1	31.2	31.3	31.3	31.4	31.5	31.6	31.7	31.8	31.8	32.0	32.0	32.1	
100t	30.9	31.0	31.1	31.1	31.2	31.3	31.3	31.4	31.5	31.6	31.6	31.7	31.8	31.9			
計算2	90℃	管温度	厚み	15A	20A	25A	32A	40A	50A	65A	80A	100A	125A	150A	200A	250A	300A
		20t	36.6	36.9	37.3	37.7	37.9	38.2	38.6	38.8	39.1	39.4	39.6	39.9	40.1	40.3	
		25t	35.2	35.6	35.9	36.2	36.4	36.7	37.0	37.2	37.5	37.7	37.9	38.2	38.4	38.6	
		30t	34.3	34.6	34.9	35.2	35.3	35.6	35.9	36.1	36.3	36.6	36.7	37.0	37.2	37.3	
		40t	33.2	33.4	33.6	33.8	34.0	34.2	34.4	34.6	34.8	35.0	35.1	35.4	35.5	35.7	
		50t	32.5	32.7	32.8	33.0	33.1	33.3	33.5	33.6	33.8	34.0	34.1	34.3	34.5	34.6	
		65t	31.9	32.0	32.1	32.3	32.3	32.5	32.6	32.7	32.9	33.0	33.2	33.3	33.5	33.6	
		75t	31.6	31.7	31.8	31.9	32.0	32.1	32.2	32.3	32.5	32.6	32.7	32.9	33.0	33.1	
		80t	31.5	31.6	31.7	31.8	31.8	32.0	32.1	32.2	32.3	32.4	32.5	32.7	32.8	32.9	
		90t	31.3	31.4	31.5	31.6	31.6	31.7	31.8	31.9	32.0	32.1	32.2	32.4	32.5	32.6	
100t	31.1	31.2	31.3	31.4	31.4	31.5	31.6	31.7	31.8	31.9	32.0	32.1	32.2	32.3			
計算3	100℃	管温度	厚み	15A	20A	25A	32A	40A	50A	65A	80A	100A	125A	150A	200A	250A	300A
		20t	37.7	38.1	38.6	39.0	39.2	39.6	40.0	40.3	40.7	41.0	41.3	41.6	41.9	42.1	
		25t	36.2	36.5	36.9	37.3	37.5	37.8	38.2	38.4	38.8	39.1	39.3	39.6	39.9	40.1	
		30t	35.1	35.4	35.7	36.1	36.2	36.6	36.9	37.1	37.4	37.7	37.9	38.2	38.4	38.6	
		40t	33.8	34.0	34.2	34.5	34.6	34.9	35.2	35.4	35.6	35.9	36.0	36.3	36.5	36.7	
		50t	32.9	33.1	33.3	33.5	33.7	33.9	34.1	34.3	34.5	34.7	34.9	35.1	35.3	35.4	
		65t	32.2	32.3	32.5	32.6	32.7	32.9	33.1	33.2	33.4	33.6	33.7	33.9	34.1	34.2	
		75t	31.9	32.0	32.1	32.3	32.3	32.5	32.6	32.8	32.9	33.1	33.2	33.4	33.5	33.6	
		80t	31.7	31.8	32.0	32.1	32.2	32.3	32.5	32.6	32.7	32.9	33.0	33.2	33.3	33.4	
		90t	31.5	31.6	31.7	31.8	31.9	32.0	32.2	32.2	32.4	32.5	32.6	32.8	32.9	33.0	
100t	30.9	31.0	31.1	31.1	31.2	31.2	31.3	31.4	31.5	31.6	31.6	31.7	31.8	31.9			
計算4	120℃	管温度	厚み	15A	20A	25A	32A	40A	50A	65A	80A	100A	125A	150A	200A	250A	300A
		20t	40.0	40.6	41.1	41.7	42.0	42.6	43.1	43.4	44.0	44.4	44.7	45.1	45.5	45.7	
		25t	38.0	38.5	39.0	39.5	39.7	40.2	40.7	41.0	41.5	41.8	42.1	42.6	42.9	43.1	
		30t	36.7	37.1	37.5	37.9	38.2	38.6	39.0	39.3	39.7	40.1	40.3	40.7	41.0	41.2	
		40t	34.9	35.2	35.5	35.9	36.1	36.4	36.8	37.0	37.4	37.7	37.9	38.3	38.5	38.7	
		50t	33.9	34.1	34.4	34.6	34.8	35.1	35.4	35.6	35.9	36.2	36.4	36.7	36.9	37.1	
		65t	32.9	33.1	33.3	33.5	33.6	33.8	34.1	34.2	34.5	34.7	34.9	35.1	35.3	35.5	
		75t	32.5	32.6	32.8	33.0	33.1	33.3	33.5	33.6	33.9	34.0	34.2	34.4	34.6	34.8	
		80t	32.3	32.4	32.6	32.8	32.9	33.0	33.2	33.4	33.6	33.8	33.9	34.2	34.3	34.5	
		90t	32.0	32.1	32.3	32.4	32.5	32.7	32.8	33.0	33.2	33.3	33.5	33.7	33.8	34.0	
100t	31.8	31.9	32.0	32.1	32.2	32.4	32.5	32.6	32.8	33.0	33.1	33.3	33.4	33.6			
計算5	130℃	管温度	厚み	15A	20A	25A	32A	40A	50A	65A	80A	100A	125A	150A	200A	250A	300A
		20t	41.2	41.9	42.5	43.1	43.5	44.1	44.7	45.0	45.6	46.1	46.4	47.0	47.3	47.6	
		25t	39.0	39.5	40.1	40.6	40.9	41.4	42.0	42.3	42.9	43.3	43.6	44.1	44.4	44.7	
		30t	37.5	37.9	38.4	38.9	39.1	39.6	40.1	40.4	40.9	41.3	41.6	42.0	42.4	42.6	
		40t	35.5	35.9	36.2	36.6	36.8	37.2	37.6	37.9	38.3	38.6	38.9	39.3	39.6	39.8	
		50t	34.3	34.6	34.9	35.2	35.4	35.7	36.0	36.3	36.6	36.9	37.1	37.5	37.8	38.0	
		65t	33.2	33.5	33.7	33.9	34.1	34.3	34.6	34.8	35.1	35.3	35.5	35.8	36.0	36.2	
		75t	32.8	32.9	33.1	33.3	33.5	33.7	33.9	34.1	34.3	34.6	34.7	35.0	35.2	35.4	
		80t	32.6	32.7	32.9	33.1	33.2	33.4	33.6	33.8	34.0	34.3	34.4	34.7	34.9	35.0	
		90t	32.3	32.4	32.6	32.7	32.8	33.0	33.2	33.3	33.6	33.7	33.9	34.1	34.3	34.5	
100t	32.0	32.1	32.3	32.4	32.5	32.7	32.8	33.0	33.2	33.3	33.5	33.7	33.9	34.0			
計算6	140℃	管温度	厚み	15A	20A	25A	32A	40A	50A	65A	80A	100A	125A	150A	200A	250A	300A
		20t	42.5	43.2	43.9	44.6	45.0	45.6	46.3	46.7	47.3	47.8	48.2	48.8	49.3	49.6	
		25t	40.0	40.6	41.2	41.8	42.1	42.7	43.3	43.7	44.3	44.7	45.1	45.6	46.0	46.4	
		30t	38.3	38.8	39.3	39.9	40.2	40.7	41.2	41.6	42.1	42.5	42.9	43.4	43.7	44.0	
		40t	36.1	36.5	36.9	37.4	37.6	38.0	38.5	38.8	39.2	39.6	39.9	40.3	40.6	40.9	
		50t	34.8	35.1	35.5	35.8	36.0	36.4	36.7	37.0	37.4	37.7	38.0	38.4	38.6	38.9	
		65t	33.6	33.9	34.1	34.4	34.5	34.8	35.1	35.3	35.6	35.9	36.1	36.5	36.7	36.9	
		75t	33.1	33.3	33.5	33.7	33.9	34.1	34.4	34.5	34.8	35.1	35.3	35.6	35.8	36.0	
		80t	32.9	33.1	33.2	33.5	33.6	33.8	34.1	34.2	34.5	34.7	34.9	35.2	35.4	35.6	
		90t	32.5	32.7	32.8	33.0	33.1	33.3	33.6	33.7	34.0	34.2	34.3	34.6	34.8	35.0	
100t	32.2	32.4	32.5	32.7	32.8	33.0	33.2	33.3	33.5	33.7	33.9	34.1	34.3	34.5			

※性能を保証するものではありません。

【保温表面温度】



周囲温度	30.0℃
表面熱伝達率	計算によるもの
取付保温材	001.ガラス筒

※計算はJISに基いて算出しておりますが、計算結果、および性能を保証値するものではありません。参考値として頂きますようお願いいたします

		表面温度:℃														
計算	管温度	厚み	15A	20A	25A	32A	40A	50A	65A	80A	100A	125A	150A	200A	250A	300A
			計算1	150℃	20t	43.7	44.5	45.3	46.0	46.5	47.2	47.9	48.4	49.1	49.6	50.1
25t	41.0	41.7			42.3	43.0	43.4	44.0	44.7	45.1	45.8	46.3	46.6	47.2	47.7	48.0
30t	39.2	39.7			40.3	40.9	41.2	41.8	42.4	42.8	43.4	43.8	44.2	44.7	45.2	45.5
40t	36.8	37.2			37.7	38.1	38.4	38.9	39.3	39.7	40.2	40.6	40.9	41.4	41.7	42.0
50t	35.3	35.7			36.0	36.4	36.6	37.0	37.4	37.7	38.2	38.5	38.8	39.2	39.5	39.8
65t	34.0	34.3			34.5	34.8	35.0	35.3	35.6	35.9	36.2	36.5	36.8	37.1	37.4	37.6
75t	33.4	33.6			33.9	34.1	34.3	34.5	34.8	35.0	35.4	35.6	35.8	36.2	36.4	36.6
80t	33.2	33.4			33.6	33.8	34.0	34.2	34.5	34.7	35.0	35.2	35.4	35.8	36.0	36.2
90t	32.8	33.0			33.1	33.4	33.5	33.7	33.9	34.1	34.4	34.6	34.8	35.1	35.3	35.5
100t	32.5	32.6			32.8	33.0	33.1	33.3	33.5	33.7	33.9	34.1	34.3	34.6	34.8	35.0
計算2	160℃	20t	45.0	45.9	46.7	47.5	48.0	48.8	49.6	50.1	50.9	51.5	52.0	52.7	53.2	53.6
		25t	42.1	42.8	43.5	44.2	44.7	45.3	46.1	46.5	47.2	47.8	48.2	48.9	49.4	49.7
		30t	40.0	40.7	41.3	41.9	42.3	42.9	43.6	44.0	44.6	45.1	45.5	46.2	46.6	46.9
		40t	37.4	37.9	38.4	38.9	39.2	39.7	40.2	40.6	41.2	41.6	41.9	42.5	42.9	43.2
		50t	35.9	36.2	36.6	37.0	37.3	37.7	38.2	38.5	39.0	39.3	39.6	40.1	40.5	40.8
		65t	34.4	34.7	35.0	35.3	35.5	35.8	36.2	36.4	36.8	37.2	37.4	37.8	38.1	38.4
		75t	33.8	34.0	34.2	34.5	34.7	35.0	35.3	35.5	35.9	36.2	36.4	36.8	37.1	37.3
		80t	33.5	33.7	34.0	34.2	34.4	34.6	34.9	35.2	35.5	35.8	36.0	36.3	36.6	36.8
		90t	33.1	33.3	33.5	33.7	33.8	34.1	34.3	34.5	34.8	35.1	35.3	35.6	35.9	36.1
		100t	32.7	32.9	33.1	33.3	33.4	33.6	33.9	34.0	34.3	34.5	34.7	35.0	35.3	35.4
計算3	170℃	20t	46.4	47.3	48.2	49.1	49.6	50.5	51.3	51.9	52.7	53.4	53.9	54.7	55.2	55.7
		25t	43.2	43.9	44.7	45.5	46.0	46.7	47.5	48.0	48.8	49.4	49.9	50.6	51.1	51.5
		30t	41.0	41.6	42.3	43.0	43.4	44.1	44.8	45.2	45.9	46.5	46.9	47.6	48.1	48.5
		40t	38.1	38.6	39.2	39.7	40.0	40.6	41.2	41.6	42.2	42.6	43.0	43.6	44.0	44.4
		50t	36.4	36.8	37.2	37.7	38.0	38.4	38.9	39.2	39.8	40.2	40.5	41.1	41.4	41.7
		65t	34.8	35.1	35.4	35.8	36.0	36.4	36.8	37.0	37.5	37.8	38.1	38.6	38.9	39.2
		75t	34.1	34.4	34.6	34.9	35.1	35.4	35.8	36.0	36.4	36.7	37.0	37.4	37.7	38.0
		80t	33.8	34.1	34.3	34.6	34.8	35.1	35.4	35.6	36.0	36.3	36.5	36.9	37.2	37.5
		90t	33.3	33.6	33.8	34.0	34.2	34.5	34.7	34.9	35.3	35.6	35.8	36.1	36.4	36.6
		100t	32.2	32.3	32.5	32.6	32.7	32.9	33.1	33.3	33.5	33.7	33.8	34.0	34.2	34.4
計算4	180℃	20t	47.7	48.7	49.7	50.7	51.2	52.2	53.1	53.7	54.6	55.3	55.9	56.7	57.3	57.8
		25t	44.3	45.1	45.9	46.8	47.3	48.1	49.0	49.5	50.4	51.0	51.5	52.3	52.9	53.3
		30t	41.9	42.6	43.3	44.1	44.5	45.3	46.0	46.5	47.3	47.9	48.4	49.1	49.6	50.0
		40t	38.8	39.4	39.9	40.5	40.9	41.5	42.1	42.6	43.2	43.7	44.1	44.8	45.2	45.6
		50t	37.0	37.4	37.9	38.4	38.6	39.1	39.7	40.0	40.6	41.1	41.4	42.0	42.4	42.7
		65t	35.2	35.6	35.9	36.3	36.5	36.9	37.4	37.6	38.1	38.5	38.8	39.3	39.7	40.0
		75t	34.5	34.7	35.1	35.4	35.6	35.9	36.3	36.6	37.0	37.3	37.6	38.1	38.4	38.7
		80t	34.2	34.4	34.7	35.0	35.2	35.5	35.9	36.1	36.5	36.9	37.1	37.5	37.9	38.1
		90t	33.6	33.9	34.1	34.4	34.6	34.8	35.2	35.4	35.7	36.0	36.3	36.7	37.0	37.2
		100t	33.2	33.4	33.7	33.9	34.0	34.3	34.6	34.8	35.1	35.4	35.6	36.0	36.3	36.5
計算5	190℃	20t	49.2	50.2	51.3	52.3	52.9	53.9	54.9	55.6	56.6	57.3	57.9	58.8	59.5	60.0
		25t	45.4	46.3	47.2	48.2	48.7	49.6	50.5	51.1	52.0	52.7	53.2	54.1	54.7	55.1
		30t	42.8	43.6	44.4	45.2	45.7	46.5	47.3	47.8	48.7	49.3	49.8	50.6	51.2	51.6
		40t	39.5	40.1	40.8	41.4	41.8	42.4	43.1	43.6	44.3	44.8	45.3	46.0	46.5	46.9
		50t	37.5	38.0	38.5	39.0	39.4	39.9	40.5	40.9	41.5	42.0	42.4	43.0	43.4	43.8
		65t	35.7	36.0	36.4	36.8	37.1	37.5	38.0	38.3	38.8	39.2	39.5	40.1	40.5	40.8
		75t	34.8	35.1	35.5	35.8	36.0	36.4	36.8	37.1	37.6	37.9	38.2	38.7	39.1	39.4
		80t	34.5	34.8	35.1	35.4	35.6	36.0	36.4	36.6	37.1	37.4	37.7	38.2	38.5	38.8
		90t	33.9	34.2	34.5	34.8	34.9	35.3	35.6	35.8	36.2	36.5	36.8	37.2	37.6	37.8
		100t	33.5	33.7	34.0	34.2	34.4	34.7	35.0	35.2	35.6	35.8	36.1	36.5	36.8	37.0
計算6	200℃	20t	50.6	51.7	52.9	54.0	54.6	55.7	56.8	57.5	58.5	59.4	60.0	61.0	61.7	62.2
		25t	46.6	47.6	48.5	49.5	50.1	51.0	52.0	52.6	53.6	54.4	55.0	55.9	56.5	57.0
		30t	43.8	44.7	45.5	46.4	46.9	47.7	48.6	49.2	50.1	50.8	51.3	52.2	52.8	53.3
		40t	40.3	40.9	41.6	42.3	42.7	43.4	44.1	44.6	45.4	46.0	46.5	47.2	47.7	48.2
		50t	38.1	38.6	39.2	39.7	40.1	40.7	41.3	41.7	42.4	42.9	43.3	44.0	44.5	44.9
		65t	36.1	36.5	36.9	37.4	37.6	38.1	38.6	38.9	39.5	39.9	40.3	40.9	41.3	41.6
		75t	35.2	35.6	35.9	36.3	36.5	36.9	37.4	37.7	38.2	38.6	38.9	39.4	39.8	40.1
		80t	34.9	35.2	35.5	35.9	36.1	36.5	36.9	37.2	37.6	38.0	38.3	38.8	39.2	39.5
		90t	34.3	34.5	34.8	35.1	35.3	35.7	36.0	36.3	36.7	37.1	37.4	37.8	38.2	38.4
		100t	33.8	34.0	34.3	34.6	34.7	35.0	35.4	35.6	36.0	36.3	36.6	37.0	37.3	37.6

※性能を保証するものではありません。