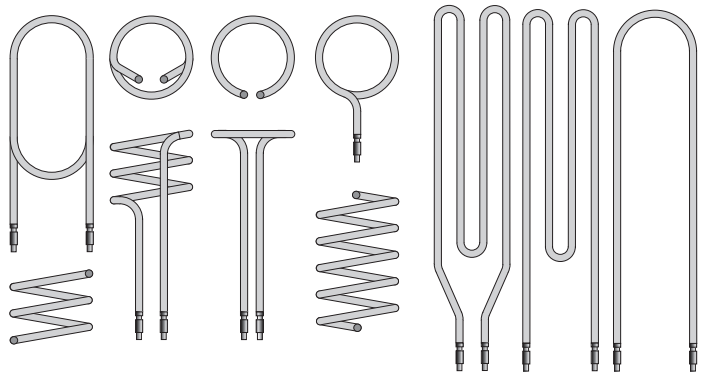
INFO

Rohrheizkörper

Tubular Heating Element

S5150/ . . .



Materialangabe, max. Oberflächentemperatur

① Kupfer max. 250 °C
② Edelstahl 1.4404 max. 750 °C
③ Edelstahl 1.4541 max. 750 °C
④ Edelstahl 1.4571 max. 750 °C
⑤ Edelstahl 2.4858 max. 750 °C
⑥ Edelstahl 1.4828 max. 900 °C
⑦ Edelstahl 1.4876 max. 950 °C

Tubular casing material, max. surface load

① Copper max. 250 °C
② Special steel 1.4404 max. 750 °C
③ Special steel 1.4541 max. 750 °C
④ Special steel 1.4571 max. 750 °C
⑤ Special steel 2.4858 max. 750 °C
⑥ Special steel 1.4828 max. 900 °C
⑦ Special steel 1.4876 max. 950 °C

Verwendungszweck	Application	T1* °C	A** W/cm²	①	②	③	④	⑥	⑦
1.Wasser	**1.Water**								
Kreislaufwasser	circulating water	100	10	■	■	■			■
- destilliert	- distilled	100	8				■		■
Brauchwasser	industrial water	60	4 - 6		■		■		■
Dampferzeugung	stream generation	100	5		■		■		■
2. Öle	**2. Oils**								
Schweröl	heavy oil	100	0,8 - 1		■				
Schmieröl	lubricating oil	40	1		■				
Hydrauliköl	hydraulic oil	40	0,8 - 1,5		■				
Heizöl	heating oil	20	4		■				
Thermalöl	thermal oil	250	3			■			
3. div. Flüssigkeiten	**3. other liquids**								
Fotoentwickler	photogr. developer	40	5		■		■		
Milch	milk	50	1			■			
Natronlauge	caustic soda	100	2						■
Säuren (dünn)	acids (thin-bodied)	100	2		■		■		■
Laugen (dünn)	lyes ((thin-bodied)	100	4		■		■		■
Phosphatierbad	phosphating bath	90	3				■		
P3-Entfettung	P3-degreasing	60	4						
Brünierbad	burnishing bath	-	2			■			
Kohlensäure	carbonic acid	20	3						
Diphyl	diphyl	350	1,5				■		
Frittierfett	frying fat	200	4			■			
Glyzerin	glycerin	110	3						
Salzschmelze	salt melting	400	2				■		
Bleibad	lead bath	500	4			■			
Tri	trie	80	1,5						
Wachs	wax	60	1						
Teer	tar	150	1						
4. Luft	**4. Air**								
Abtau-H/h	defrosting	-	1			■		■	
Grillheizkörper	grill heating element	-	4 - 6					■	■
Luft, ruhend	air, resting	?	1 - 6			■		■	■
Luft, bewegt	air, moving	?	1 - 8			■		■	■
Strahlungsh.	radiating heat	-	3 - 5			■		■	■
Klimageräte	air-conditioning	-	0,5 - 3			■		■	■
Umluft	circulating air	300	2 - 4			■		■	■
5. Feste Stoffe	**5. Solid matters**								
Aluminium	aluminium	400	8			■		■	
Metall	metal	-	6			■		■	
Walzen	rolls	300	2,5					■	■

* T1 = max. Mediumtemperatur
**A = max. Rohroberflächenbelastung

* T1 = max. medium temperature
**A = max. pipe surface load