

Table of Content

Silicone Washers	4
Mica Washers	11
Aluminum - Oxyde Washers	
Insulation Caps + Tubes	16
Insulation Bushings	
Heat Conductive Compounds	



From a wide range of standard materials for improved heat conductivity and insulation of your semiconductor, choose the right connection between the heat-generating component and the heat sink.

For thermal interface materials you have a wide range of standard items and with Alutronic you always have the possibility and the competence for undertake customised adaptations.

Thus, e.g. foils can be cut to size on our cutting plotters, high-quality heat-conducting paste is filled in our filling system in containers of your choice, and ceramics are cut to size using laser equipment for your application.

If you are unable to find the solution you are looking for in this catalogue, please call us up.

We are constantly expanding our range of products, and you can also get the latest information by visiting our website at www.alutronic.de





Insulating and heat-conducting materials are used for insulated assembly of components on heat sinks, and enable with their good heat-insulating material improved heat transfer from the component to the heat sink. Filling up air bubbles is optimally ensured by using heat-conducting foil.

Compared to heat-conducting compounds, foils are easier in application. Foils ahhesive on one side or both sides assist in fixing the heat sources.

You can choose from different foils in standard cut sizes as well as specially cut foils with appropriate dimensions / hole patterns.

You can get them pre-fitted and assembled on your heat sinks.

Please refer to the following products for the technical specifications of our standard foils.

Basematerial SIO,13-DS (both side adhesive)

Both sides adhesive thermal pad for securing components to heat sinks For matching heat sinks see the chapter

POWERBLOCS and PCB MOUNTING - Adhesive heat sinks for single cooling



Thermal Conductivity: [W/mK]: 0.8 Tensile Strength: [MPa]: 6

Thickness: [mm]: 0.13

Dielectric Strength: [KV]: 3,000 Temp. Resistant: [30 sec C°]: 200 Temperature Range: [°C]: -30 bis 120 Flame Rating:

Expansion: [45% to Warp and Fill]: 70 Lap Shear at Room Temp.: [psi /

Reinforcement Carrier: fiberglas Thermal Expansion: [ppm]: 325

MPa]: 0.7



Sheet Material SIO,18 (not adhesive) and SI O,18-S (one-side adhesive)



Thermal Conductivity: [W/mK]: 0.9 Reinforcement Carrier: fiberglas Thickness: [mm]: 0.18

Dielectric constant: [at 1 MHz]: 5.5

Dielectric Strength: [KV]: 3,500 Fracture strength: [kN/m]: 5 Temperature Range: [°C]: -60 bis 180 Flame Rating: V-O Expansion: [45% to Warp and Fill]: 54 Hardness: [ShoreA (Test ASTM

Material: silicone with fiberglass Tensile Strength: [MPa]: 20 D2240)]: **85**

Sheet Material SIO,23 (not adhesive) and SI O,23-S (one-side adhesive)



Thermal Conductivity: [W/mK]: 0.9 Reinforcement Carrier: fiberglas

Thickness: [mm]: 0.23

Dielectric constant: [at 1 MHz]: 5.5

Dielectric Strength: [KV]: 4,500 Fracture strength: [kN/m]: 5 Temperature Range: [°C]: -60 bis 180 Flame Rating: V-O

Expansion: [45% to Warp and Fill]: 54 Hardness: [ShoreA (Test ASTM

Material: silicone with fiberglass

Tensile Strength: [MPa]: 20

D2240)]: 85



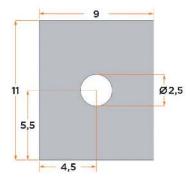
The following pages contain our selection of standard shapes, manufactured from the materials SI 0.18 (non-adhesive) / SI 0.18-S (adhesive on one side)

SI 0.23 (non-adhesive) / SI 0.23-S (adhesive on one side)

for prevalent semiconductors as well as sheet material.

If the shape that you need is not included, application-specific drawing parts can be supplied on short notice and for small quantities.

Sorted by shape of the semiconductor casing



Туре	Material	Thick- ness	Thermal Conductivity	Dielectric Strength
SI 7001 SI 7001-S	S10,18 S10.18-S*	0,18mm	0.0.14/1/	3500 (VAC)
SI 7011 SI 7011-S	SIO,23 SIO,23-S*	0,23mm	0,9 W/mK	4500 (VAC)

For Casing: TO 220

•	10	-
12		Ø3,1
5,5		
	5	

Туре	Material	Thick- ness	Thermal Conductivity	Dielectric Strength
SI 7002 SI 7002-S	SIO,18 SIO.18-S*	0,18mm 0,9 W/mK	3500 (VAC)	
SI 7012 SI 7012-S	SIO,23 SIO,23-S*	0,23mm	0,9 W/MK	4500 (VAC)
1317012-3	* one side ad	hesive		İ

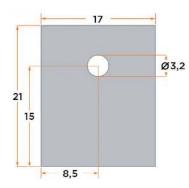
For Casing: TO220

-	14,3	-
		ø3,2
17,5		
-	7,15	

Туре	Material	Thick- ness	Thermal Conductivity	Dielectric Strength
SI 488 SI 488-S	SIO,18 SIO.18-S*	0,18mm		3500 (VAC)
SI 489 SI 489-S	SI0,18-3 SI0,23 SI0,23-S*	0,23mm	0,9 W/mK	4500 (VAC)

For Casing: TO220





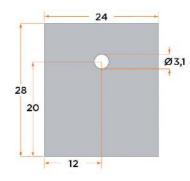
Туре	Material	Thick- ness	Thermal Conductivity	Dielectric Strength
SI 7003 SI 7003-S	 SI0,18 SI0.18-S*	0,18mm	18mm	3500 (VAC)
SI 7013 SI 7013-S	SIO,23 SIO,23-S*	0,23mm	0,9 W/mK	4500 (VAC)

For Casing: TO 220

•	21	
1	-	Ø3,
24 18		
	10,5	

Material	Thick- ness	Thermal Conductivity	Dielectric Strength
510,18 510.18-S*	0,18mm	0,9 W/mK	3500 (VAC)
510,23 510,23-S*	0,23mm		4500 (VAC)
10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	610,18 510,18-S* 510,23 510,23-S*	0,18mm 0,18mm 0,23 0,27mm	0,18 O,18mm O,9 W/mK O,23-S*

For Casing: TO 220

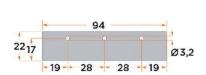


Type	Material	Thick- ness	Thermal Conductivity	Dielectric Strength
SI 7005 SI 7005-S	SIO,18 SIO.18-S*	0,18mm	0,9 W/mK	3500 (VAC)
SI 7015 SI 7015-S	SI0,23 SI0,23-S*	0,23mm		4500 (VAC)
	SIO,23-S* * one side adl			450

For Casing: TO 220

for multiple mounting

You can find compatible profile heat sinks in the section on heat sinks, PCB installation, multiple cooling



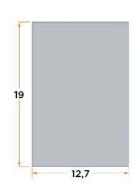
Туре	Material	Thick- ness	Thermal Conductivity	Dielectric Strength
SI 7009 SI 7009-S	\$10,18 \$10.18-\$*	0,18mm	0.9 W/ml/	3500 (VAC)
SI 7019 SI 7019-S	S10,23 0,3 vv/111K	O,5 VV/IIIN	4500 (VAC)	

* one side adhesive

For Casing: TO 220







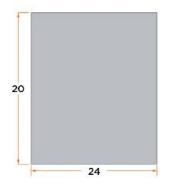
Туре	Material	Thick- ness	Thermal Conductivity	Dielectric Strength
SI 487 SI 487-S	SIO,18 SIO.18-S*	0,18mm	0,9 W/mK	3500 (VAC)
SI 498 SI 498-S	SIO,23 SIO,23-S*	0,23mm	0,9 W/MK	4500 (VAC)
	* one side adl	nesive		

For Casing: TO 220

10	
18	
111	13

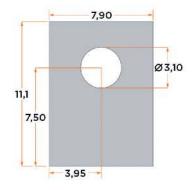
nm 3500 (VAC) 0,9 W/mK
nm 4500 (VAC)
- 1

For Casing: TO 220



Type	Material	Thick- ness	Thermal Conductivity	Dielectric Strength
SI 7006 SI 7006-S	SI0,18 SI0.18-S*	0,18mm	0,9 W/mK	3500 (VAC)
SI 7016 SI 7016-S	SIO,23 SIO,23-S*	0,23mm	0,9 W/IIIK	4500 (VAC)

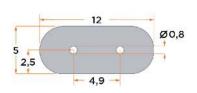
For Casing: TO 220



Туре	Material	Thick- ness	Thermal Conductivity	Dielectric Strength
SI 485 SI 485-S	SIO,18 SIO,18-S*	0,18mm	0.0.14/14	3500 (VAC)
SI 483 SI 483-S	SI0,23 SI0,23-S*	0,23mm	0,9 W/mK	4500 (VAC)

For Casing: **SOT 32**

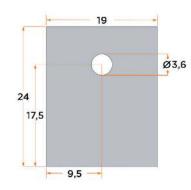




Туре	Material	Thick- ness	Thermal Conductivity	Dielectric Strength
SI 497	SI0,18	0,18mm		3500 (VAC)
SI 497-S	SI0,18-S*	0,1811111	0,9 W/mK	3300 (VAC)
SI 499 SI 499-S	SI0,23 SI0,23-S*	0,23mm	0,0 11,11111	4500 (VAC)

* one side adhesive

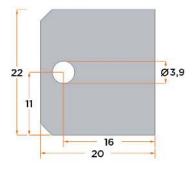
For Casing: Quartz



Туре	Material	Thick- ness	Thermal Conductivity	Dielectric Strength
SI 490 SI 490-S	SIO,18 SIO.18-S*	0,18mm	0,9 W/mK	3500 (VAC)
SI 495 SI 495-S	SI0,23 SI0,23-S*	0,23mm	0,9 W/IIIK	4500 (VAC)

* one side adhesive

For Casing: TOP 3 (TO 218)



Туре	Material	Thick- ness	Thermal Conductivity	Dielectric Strength
SI 492 SI 492-S	SI0,18 SI0,18-S*	0,18mm	0,9 W/mK	3500 (VAC)
SI 493 SI 493-S	SIO,23 SIO,23-S*	0,23mm	0,9 W/IIIK	4500 (VAC)
	* one side ad	nesive		

For Casing: Multiwatt

		Ø 1,6
9	Ø 4,2	
29		10,9
+		16,9
4	•	- 30,1 - 41,9

Туре	Material	Thick- ness	Thermal Conductivity	Dielectric Strength
SI 480 SI 480-S	SIO,18 SIO,18-S*	0,18mm	0,9 W/mK	3500 (VAC)
SI 481 SI 481-S	SIO,23 SIO,23-S*	0,23mm	0,5 W/IIIK	4500 (VAC)
	* one side adl	nesive	***************************************	

For Casing: TO 3



for multiple mounting

You can find compatible profile heat sinks in the section on Heat Sink PCB mounting / For Multiple Devices



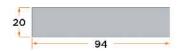
Type	Material	Thick- ness	Thermal Conductivity	Dielectric Strength
SI 7008 SI 7008-S	SIO,18 SIO.18-S*	0,18mm	0,9 W/mK	3500 (VAC)
SI 7018 SI 7018-S	SIO,23 SIO,23-S*	0,23mm	0,9 W/IIIK	4500 (VAC)

one side adhesive

For Casing: TO 220

for multiple mounting

You can find compatible profile heat sinks in the section on Heat Sink PCB mounting / For Multiple Devices



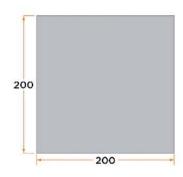
Type	Material	Thick- ness	Thermal Conductivity	Dielectric Strength
SI 6018 SI 6018-S	SIO,18 SIO.18-S*	0,18mm	0.0.14./1/	3500 (VAC)
SI 6023 SI 6023-S	SIO,23 SIO,23-S*	0,23mm	0,9 W/mK	4500 (VAC)

* one side adhesive

For Casing: TO 220

Sheet material

for self cutting



Type	Material	Thick- ness	Thermal Conductivity	Dielectric Strength
SI 4018 SI 4018-S	SIO,18 SIO.18-S*	0,18mm	0,9 W/mK	3500 (VAC)
SI 4023 SI 4023-S	SI0,23 SI0,23-S*	0,23mm	0,5 \\/\	4500 (VAC)





Mica panels are used in conjunction with insulating bushings for insulated assembly of semiconductors, e.g. on heat sinks.

To avoid poorly conducting air bubbles, it is recommended to use heat-conducting paste or heat-conducting foils.

General technical values:Colour: colourless, transparent

Thickness: 0.05 mm

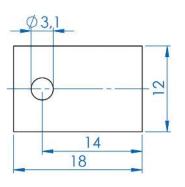
Thickness tolerance:+ 0.01 / - 0.02 mm

Resistance to heat: +550°C Dielectric strength: approx. 2.5 KV

GL 530

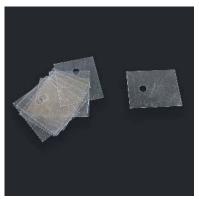


For Casing: TO 220

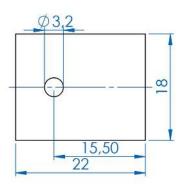


Rth: [K/W]: **1.25**

GL 535/N



For Casing: TOP 3 (TO218)



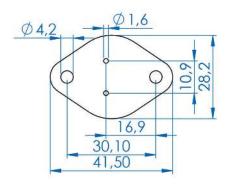
Rth: [K/W]: 0.8



GL 510



For Casing: TO 3



Rth: [K/W]: 0.3



Alutronic runs on 100% CO² neutral hydropower!





Aluminium oxide slices are used for insulated assembly of semiconductors for high voltage ranges. Despite the high dielectric strength, good heat transfer, from the semiconductor to the heat sink is available.

General values:Colour: white

Dielectric strength: approx. 10 KV / mm

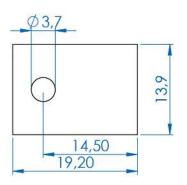
Dielectric loss factor at 1 MHz:10⁴ Dielectric constant at 1 MHz: 9.1

Specific resistance: 10^4 Ohm x cm Density: 3.9 gm 3 purity 96 % approx. 0.5 K / W

The following pages contain standard sections for prevalent semiconductor shapes. We are be pleased to cut customised aluminium oxide slices for you based on your drawing.

AO 475





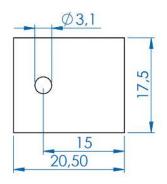
For Casing: TO 220

Thermal Conductivity: [W/mK]: 25

Thickness: [mm]: 1.6

AO 472





For Casing: TO 218, TOP 3

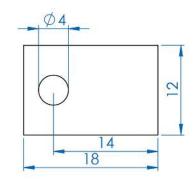
Thermal Conductivity: [W/mK]: 25

Thickness: [mm]: 1.6



AO 479



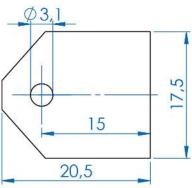


For Casing: TO 220

Thermal Conductivity: [W/mK]: 25 Thickness: [mm]: 1.5

AO 471





 $\emptyset 3,10$

For Casing: TO 218, TOP 3

Thermal Conductivity: [W/mK]: 25 Thickness: [mm]: 1.5

AO 474





For Casing: TO 220

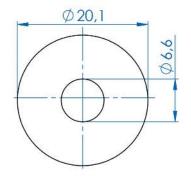
Thermal Conductivity: [W/mK]: 25 Thickness

Thickness: [mm]: 1.5



AO 478



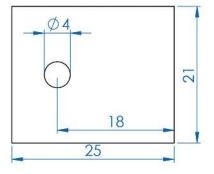


For Casing: **DO 5 (Diode)**

Thermal Conductivity: [W/mK]: 25 Thickness: [mm]: 1.6

AO 480





For Casing: TO 218, TOP 3

Thermal Conductivity: [W/mK]: 25

Thickness: [mm]: 3





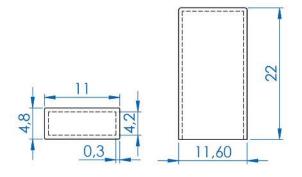
Insulating caps and insulating hoses made from high quality silicone rubber simplify the insulated structure of semiconductors on heat sinks, especially with clip assembly.

General technical values:Colour: Grey

Dielectric strength: 10 KV
Dielectric constant at 10⁴ MHz:4.4 KV
Temperature range: - 60/+180°C
Hardness: 75 Shore A
Expansion 100 %
R_{th}: 1.48 K/W

IK 550

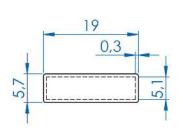


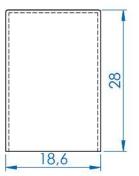


For Casing: TO 220

IK 553





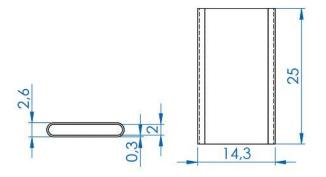


For Casing: TO 218, TOP 3



IL 555/25

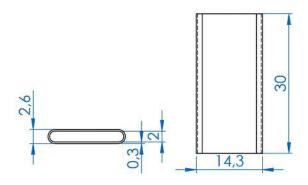




For Casing: TO 220

IL 555/30

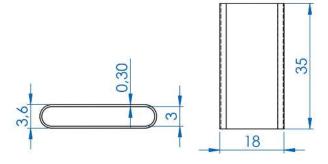




For Casing: TO 220

IL 557/35





For Casing: TO 218, TOP 3



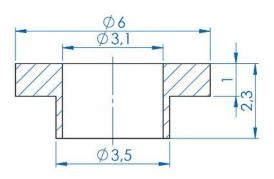


Insulating bushes are used in conjunction with insulating washers made of silicone or mica for insulated screw assembly of semiconductors, e.g. on heat sinks.

flammability according to UL 94 VO

IS 560 + IS 561

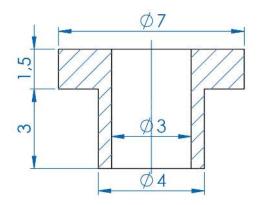




article	For Casing	Dielectric Strength [KV]	Material	Colour
IS 560	TO220, TO218 (TOP3), Multiwatt	30	Macrolon	White
IS 561	TO220, TO218 (TOP3), Multiwatt	16	SR25	Black/Grey

IS 560 + IS 561



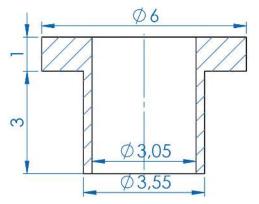


article	Dielectric Strength [KV]	Material	Colour
IS 574	30	Macrolon	
IS 576	16	SR25	



IS 570





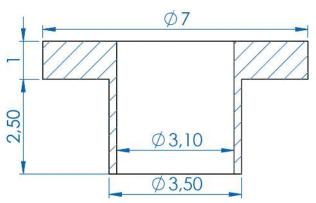
For Casing: TO220, TO218 (TOP3), Multiwatt

Dielectric Strength: [KV]: 16

Material: SR25

IS 570





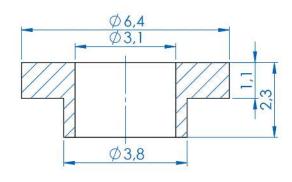
For Casing: TO220, TO218 (TOP3), Multiwatt

Dielectric Strength: [KV]: 16

Material: SR25

IS 565





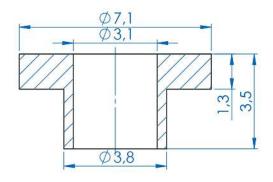
For Casing: TO220, TO218 (TOP3), Multiwatt

article	Dielectric Strength [KV]	Material	Colour
IS 565	30	Macrolon	
IS 565	16	SR25	



IS 570



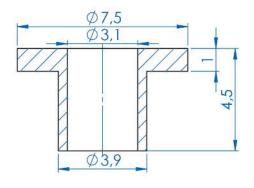


For Casing: TO220, TO218 (TOP3), Multiwatt

article	Dielectric Strength [KV]	Material	Colour
IS 570	30	Macrolon	
IS 570	16	SR25	

IS 580



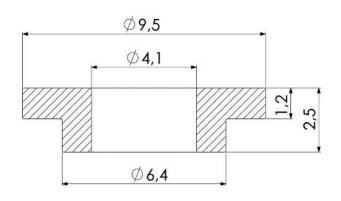


For Casing: TO 3

article	Dielectric Strength [KV]	Material	Colour
IS 580	30	Macrolon	
IS 580	16	SR25	

IS 585



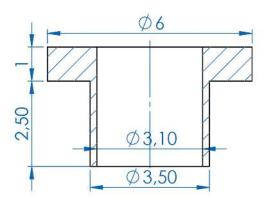


For Casing: **Dioden**

article	Dielectric Strength [KV]	Material	Colour
IS 585	30	Macrolon	
IS 585	16	SR25	

IS 570





For Casing: TO220, TO218 (TOP3), Multiwatt

Dielectric Strength: [KV]: 16

Material: **SR25**



PA 700 - with silicon / PA 701 - siliconfree

Thermally conducting compounds fill up air gaps caused by surface roughness and ensures the best possible thermal transfer of semiconductors heat sinks.

For an area of 100x100 mm (non-machined extruded profile) approx. 0.4 gm of thermally conducting paste is needed, and this should be applied as a thin film.

PA701 is used primarily when systems must be kept absolutely free from silicone.



PA 800 - siliconfree

(Arctic Silver)

PA 800 is a high-performance heat-conducting compound and is suitable for all applications.

With its three unique phases and sizes of the silver particles (99.9% pure silver) a new form of the particle-to-particle contact and thermal conductivity is achieved.

The poly-synthetic base material made of zinc oxide, aluminium oxide and boron nitride, in the process, improve the performance and the long-term stability.

The ideal pasty consistency of the PA800 heat-conducting paste ensures ease of handling and better distribution on the medium.

The paste is not electrically conducting and free from silicones.



		PA 700	PA 701	PA 800
Thermal conductivity	[W/mK]	0,8	0,5	9,0
Service Temperature	[°C]	-40 to +180	-40 to +150	-50 to +180
	1	contain silicon	silicone free	silicone free
		10g / 20g / 50g	10g / 20g / 50g	
Packaging	Syringe	/ 100g	/ 100g	3,5g / 12g
	Canister	250g / 500g	250g / 500g	



	_
A	
AO 471 14	4
AO 472	3
AO 474	
AO 475	3
AO 478	_ 5
AO 479	4
AO 480	5
G	
GL 510 12	2
GL 530 1	11
GL 535/N 1	11
I .	
IK 550 16	_
IK 553	
IL 555/25	_
IL 555/30 1	
IL 557/35	_
IS 560 18	
IS 561 18	_
IS 565	
IS 570 20	_
IS 574	
IS 574 18 IS 576 18	8
IS 574 18 IS 576 18 IS 580 20	8
IS 574 18 IS 576 18 IS 580 20 IS 585 20	8
IS 574 IS 576 IS 580 IS 585 P	8 0 0
IS 574 IS 576 IS 580 IS 585 P PA 700 PA 701 22	3 2 2
IS 574 IS 576 IS 580 IS 585 P PA 700 PA 701 PA 800 20 PA 800 21 PA 800 22	3 2 2
IS 574 IS 576 IS 580 IS 585 P PA 700 PA 701 PA 800 20 S	8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
IS 574 IS 576 IS 580 IS 580 IS 585 P PA 700 PA 701 PA 800 S SI 0,13 (both sides	3 2 2
IS 574 IS 576 IS 580 IS 580 IS 585 P PA 700 PA 701 PA 800 S SI 0,13 (both sides adhesive)	8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
IS 574 IS 576 IS 580 IS 580 IS 585 P PA 700 PA 701 PA 800 S SI 0,13 (both sides adhesive) SI 0,18 und SI 0,18-	8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
IS 574 IS 576 IS 580 IS 580 IS 585 P PA 700 PA 701 PA 800 S SI 0,13 (both sides adhesive) SI 0,18 und SI 0,18- S (one side adhe-	8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
IS 574 IS 576 IS 580 IS 580 IS 585 P PA 700 PA 701 PA 800 S SI 0,13 (both sides adhesive) SI 0,18 und SI 0,18- S (one side adhesive)	8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
IS 574 IS 576 IS 580 IS 580 IS 585 P PA 700 PA 701 PA 800 S SI 0,13 (both sides adhesive) SI 0,18 und SI 0,18-S (one side adhesive) SI 0,23 und SI SI 0,23 und SI	8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
IS 574 IS 576 IS 580 IS 580 IS 585 P PA 700 PA 701 PA 800 S SI 0,13 (both sides adhesive) SI 0,18 und SI 0,18- S (one side adhesive) SI 0,23 und SI 0,23-S (one side	8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
IS 574 IS 576 IS 580 IS 580 IS 585 P PA 700 PA 701 PA 800 S SI 0,13 (both sides adhesive) SI 0,18 und SI 0,18- S (one side adhesive) SI 0,23 und SI 0,23-S (one side adhesive)	8 0 0 0 2 2 2 4 5 5
IS 574 IS 576 IS 580 IS 580 IS 585 P PA 700 PA 701 PA 800 S SI 0,13 (both sides adhesive) SI 0,18 und SI 0,18-S (one side adhesive) SI 0,23 und SI 0,23-S (one side adhesive) SI 4018(-S) + SI IS 576 IS 585 IS 576 IS 587 IS 580	8 0 0 0 2 2 2 4 5 5
IS 574 IS 576 IS 580 IS 580 IS 585 P PA 700 PA 701 PA 800 S SI 0,13 (both sides adhesive) SI 0,18 und SI 0,18- S (one side adhesive) SI 0,23 und SI 0,23-S (one side adhesive) SI 4018(-S) + SI 4023(-S)	8 0 0 0 2 2 2 4 5 5
IS 574 IS 576 IS 580 IS 580 IS 585 P PA 700 PA 701 PA 800 S SI 0,13 (both sides adhesive) SI 0,18 und SI 0,18-S (one side adhesive) SI 0,23 und SI 0,23-S (one side adhesive) SI 4018(-S) + SI 4023(-S)	8 0 0 0 2 2 2 4 5 5
IS 574 IS 576 IS 580 IS 580 IS 585 P PA 700 PA 701 PA 800 S SI 0,13 (both sides adhesive) SI 0,18 und SI 0,18- S (one side adhesive) SI 0,23 und SI 0,23-S (one side adhesive) SI 4018(-S) + SI 4023(-S) SI 480(-S) + SI 482(-S)	8 0 0 0 2 2 2 4 5 5
IS 574 IS 576 IS 580 IS 580 IS 585 P PA 700 PA 701 PA 800 S SI 0,13 (both sides adhesive) SI 0,18 und SI 0,18- S (one side adhesive) SI 0,23 und SI 0,23-S (one side adhesive) SI 4018(-S) + SI 4023(-S) SI 480(-S) + SI 482(-S) SI 485(-S) + SI 483(-S)	8 0 0 0 2 2 2 4 5 5 5 7 9 8
IS 574 IS 576 IS 580 IS 580 IS 585 P PA 700 PA 701 PA 800 S SI 0,13 (both sides adhesive) SI 0,18 und SI 0,18- S (one side adhesive) SI 0,23 und SI 0,23-S (one side adhesive) SI 4018(-S) + SI 4023(-S) SI 485(-S) + SI 483(-S) SI 487(-S) + SI	8 0 0 0 2 2 2 4 4 5 5 0 9
IS 574 IS 576 IS 580 IS 580 IS 585 P PA 700 PA 701 PA 800 S SI 0,13 (both sides adhesive) SI 0,18 und SI 0,18- S (one side adhesive) SI 0,23 und SI 0,23-S (one side adhesive) SI 4018(-S) + SI 4023(-S) SI 480(-S) + SI 483(-S) SI 487(-S) + SI 498(-S)	8 0 0 9 8 8
IS 574 IS 576 IS 580 IS 580 IS 585 P PA 700 PA 701 PA 800 S SI 0,13 (both sides adhesive) SI 0,18 und SI 0,18- S (one side adhesive) SI 0,23 und SI 0,23-S (one side adhesive) SI 4018(-S) + SI 4023(-S) SI 480(-S) + SI 483(-S) SI 487(-S) + SI 498(-S) SI 488(-S) + SI	8 0 0 0 2 2 2 4 5 5 5 7 9 8
IS 574 IS 576 IS 580 IS 580 IS 585 P PA 700 PA 701 PA 800 S SI 0,13 (both sides adhesive) SI 0,18 und SI 0,18-S (one side adhesive) SI 0,23 und SI 0,23-S (one side adhesive) SI 4018(-S) + SI 4023(-S) SI 480(-S) + SI 482(-S) SI 487(-S) + SI 488(-S) SI 488(-S) + SI 489(-S)	
IS 574 IS 576 IS 580 IS 580 IS 585 P PA 700 PA 701 PA 800 S SI 0,13 (both sides adhesive) SI 0,18 und SI 0,18- S (one side adhesive) SI 0,23 und SI 0,23-S (one side adhesive) SI 4018(-S) + SI 4023(-S) SI 480(-S) + SI 483(-S) SI 488(-S) + SI 498(-S) SI 488(-S) + SI 489(-S) SI 490(-S) + SI	8 0 0 9 8 8
IS 574 IS 576 IS 580 IS 580 IS 585 P PA 700 PA 701 PA 800 S SI 0,13 (both sides adhesive) SI 0,18 und SI 0,18- S (one side adhesive) SI 0,23 und SI 0,23-S (one side adhesive) SI 4018(-S) + SI 4023(-S) SI 480(-S) + SI 482(-S) SI 485(-S) + SI 483(-S) SI 487(-S) + SI 498(-S) SI 489(-S) SI 490(-S) + SI 489(-S) SI 490(-S) + SI 495(-S)	88 00 00 00 00 00 00 00 00 00
IS 574 IS 576 IS 580 IS 580 IS 585 P PA 700 PA 701 PA 800 S SI 0,13 (both sides adhesive) SI 0,18 und SI 0,18- S (one side adhesive) SI 0,23 und SI 0,23-S (one side adhesive) SI 4018(-S) + SI 4023(-S) SI 480(-S) + SI 482(-S) SI 487(-S) + SI 498(-S) SI 488(-S) + SI 498(-S) SI 490(-S) + SI 495(-S)	
IS 574 IS 576 IS 580 IS 580 IS 585 P PA 700 PA 701 PA 800 S SI 0,13 (both sides adhesive) SI 0,18 und SI 0,18- S (one side adhesive) SI 0,23 und SI 0,23-S (one side adhesive) SI 4018(-S) + SI 4023(-S) SI 485(-S) + SI 482(-S) SI 485(-S) + SI 483(-S) SI 488(-S) + SI 498(-S) SI 489(-S) SI 490(-S) + SI 495(-S) SI 490(-S) + SI 495(-S) SI 490(-S) + SI 495(-S) SI 492(-S) SI 493(-S)	88 00 00 00 00 00 00 00 00 00

type	page
01.00107.00	10
SI 6018(-S) + SI	10
6023(-S)	
SI 7001(-S) + SI	6
7011(-S)	
SI 7002(-S) + SI	6
7012(-S)	
SI 7003(-S) + SI	7
7013(-S)	
SI 7004(-S) + SI	7
7014(-S)	
SI 7005(-S) + SI	7
7015(-S)	
SI 7006(-S) + SI	8
7016(-S)	
SI 7007(-S) + SI	8
7017(-S)	
SI 7008(-S) + SI	10
7018(-S)	
SI 7009(-S) + SI	7
7019(-S)	