

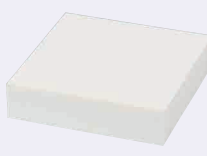
Note that, for some of the types shown here, order might be unable to be received by the MISUMI Indonesia offices.

Special Foam Polyurethane SOFRAS®

Sheet Type, Rolled Type

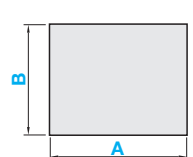
This special urethane foam has good water retention and wear resistance allowing it to be used in industrial purposes such as application and moisture absorption.

Sheet Type

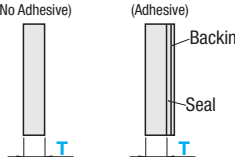


Type		Material	Hardness	Color
No Adhesive	Adhesive			
SOFRAS	SOFRASA	Special Foam Polyurethane SOFRAS®	Asker C11	White

(No Adhesive)



(Adhesive)



SOFRAS® is a registered trademark of AION Co., Ltd.
Adhesive thickness is 0.06 ~ 0.10mm.

Part Number	5mm Increment		Selection
	A	B	
No Adhesive SOFRAS	10-480	10-270	5
Adhesive SOFRASA	10-480	20-270	10
	20-480	20-270	15
			20

Ordering Example: Part Number - A - B - T
SOFRAS - 300 - 200 - 10


Adhesive Charge

A	B	
	10-100	105-200 205-270
10-100	-	-
105-200	-	-
205-300	-	-
305-400	-	-
405-480	-	-

Type	T	A	Unit Price		
			B		
			10-100	105-200	205-270
No Adhesive SOFRAS	5	10-100		-	-
		105-200		-	-
		205-300		-	-
		305-400		-	-
Adhesive SOFRASA	10	10-100		-	-
		105-200		-	-
		205-300		-	-
		305-400		-	-
		405-480		-	-

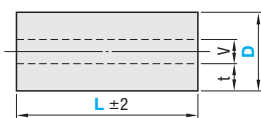
Type	T	A	Unit Price		
			B		
			20-100	105-200	205-270
No Adhesive SOFRAS	15	20-100		-	-
		105-200		-	-
		205-300		-	-
		305-400		-	-
		405-480		-	-
Adhesive SOFRASA	20	20-100		-	-
		105-200		-	-
		205-300		-	-
		305-400		-	-
		405-480		-	-

Rolled Type

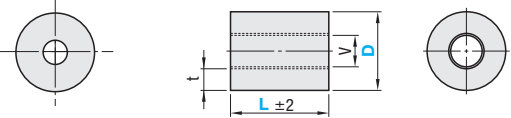


Type		Material	Hardness	Color
Hollow Roll (Sponge only)	With Resin Roll			
SOFRAS	SOFRASRP	Sponge: Special Foam Polyurethane SOFRAS® Resin Roll: Polypropylene (PP)	Asker C7	White

Hollow Roll (Sponge only) Tolerance D, V ±2



With Resin Roll Tolerance D ±2 V ±1



Type	Part Number Type	Selection	5mm Increment L	V	t
Hollow Roll (Sponge only)	SOFRAS	40	30-600	22	9
With Resin Roll	SOFRASRP	40	30-600	16	9

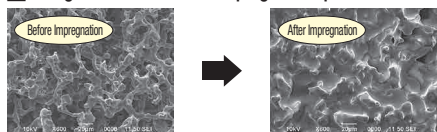
Ordering Example: Part Number - D - L
SOFRASRP - 40 - 200

Type	Part Number Type	D	Unit Price					
			L (5mm Increment)					
			30-100	101-200	201-300	301-400	401-500	501-600
Hollow Roll (Sponge only)	SOFRAS	40						
With Resin Roll	SOFRASRP	40						

Enlarged Photo



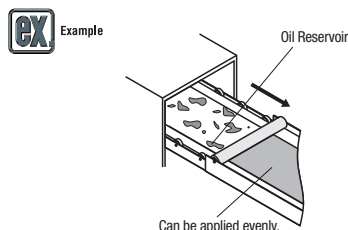
Enlarged Photo of Grease-impregnated Special Urethane



Material Properties

Air Bubble	Continuous Cell		Lamination	Semi-closed Cell	Independent Cell
Material	SOFRAS®	Urethane Foam	Felt	EPT Sealer®	CR, EPDM, NBR, Silicon, Fluorine
Page	P446	P441	P447	P445	P441
Application Example	Application and Moisture Absorption				
Apparent Density g/cm³	0.2	0.02	0.2	-	0.1~0.3
Tensile Strength kPa	1000	76	-	-	-
Water Retention Rate %	400	-	80	-	-
Heat Resistant °C	130	70	120	-	130~200
Water Retention	○	○	○	△	×
Abrasion Resistance	○	×	×	×	○
Water Resistance	○	△	○	×	○
Chemical Resistance	○	×	△	×	×

EX Example



Oil Reservoir
Can be applied evenly.