Felt Sheets

A wide variety of felt material (w/ or w/o adhesive backings) is available in 10 mm increment. Most suitable for cushion, liquid application, grind material.



No Adhesive	Adhesive	Material	Density (g/cm3)	Color	Allowable Temperature		
FELP	FELPA	Polyester Felt	0.2 (0.18 for 5.5 mm)	White	0-120°C		
FELPET	FELPETA	Polyester Felt (with Binder)	0.32	Gray	0-80°C		
FELH	FELHA	Polyamide Felt	0.2 (0.27 for 1 mm)	White	-50-250°C		
FELWL	FELWLA	Sheep Wool Felt (Rayon, PET blended)	0.25	hiomi	-10-60°C		
FELW	FELWA	Sheep Wool Felt	0.6	lvory	-10-00°C		
Adhesive thick	Adhesive thickness is 0.06–0.10 mm.						

Adhesive thickness is 0.06–0.10 mm.	(Adhesive)	(No Adhesive)
m 1		Release Paper Seal
A	T	T O

Dimension of A and	nal tolera B	nces
20-200	210-400	410-100
±2	±4	±6

Part Number	Т	10 mm Increment		
Part Number	Selection	A	В	
FELP FELPA	1 3 5.5	20–1000	20-950	
FELPET FELPETA	5			
FELH FELHA	1 4 6	20–500	20–500	
FELWL FELWLA	2			
FELW FELWA	10			

Ą	Part Number	Part Number	-	Α	-	В
	Example	FELP3	-	500	-	35

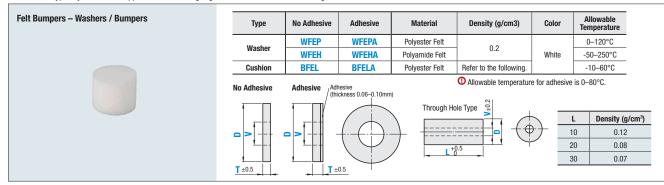
Part Num	hor	A	Available Types B (10 mm Increment)					
Part Num	Der	(10 mm						
Type	T	Increment)	20-200	210-400	410-600	610-800	810-950	
		20-200	•	_				
		210-400	•	•		_		
	1	410-600	•	•	•		_	
		610-800	•	•	•	•		
		810-1000	•	•	•	•	•	
No		20-200	•	_				
Adhesive FELP		210-400	•	•	_	_		
FELP	3	410-600	•	•	•		_	
Adhesive		610-800	•	•	•	•		
FELPA		810-1000	•	•	•	•	•	
		20-200	•	_				
		210-400	•	•	_	_	_	
	5.5	410-600	•	•	•			
		610-800	•	•	•	•		
		810-1000	•	•	•	•	•	
		A			Available Type:	 S		
Part Num	ber	(10 mm			10 mm Increm			
Туре	Т	Increment)	20-100	110-200	210-300	310-400	410-500	
No		20-100	•	_				
Adhesive		110-200	•	•	_	_		
FELPET	5	210-300	•	•	•		_	
Adhesive		310-400	•	•	•	•		
FELPETA	I	410-500	•		•	•		

Part Number		A	Available Types						
		(10 mm		B (1	10 mm Increm	ent)			
Туре	T	Increment)	20-100	110-200	210-300	310-400	410-500		
		20-100	•	_					
		110-200	•	•	_	_			
	2	210-300	•	•	•		_		
		310-400	•	•	•	•			
		410-500	•	•	•	•	•		
No		20-100	•	_					
Adhesive FELWL		110-200	•	•	_	_			
FELVVL	5	210-300	•	•	•		_		
Adhesive		310-400	•	•	•	•			
FELWLA		410-500	•	•	•	•	•		
		20-100	•	_					
		110-200	•	•	-	_			
	10	210-300	•	•	•		_		
		310-400	•	•	•	•			
		410-500	•	•	•	•	•		
		20-100	•	_					
		110-200	•	•	_	_			
	2	210-300	•	•	•		_		
		310-400	•	•	•	•			
		410-500	•	•	•	•	•		
No		20-100	•	_					
Adhesive		110-200	•	•	_	_			
FELW	5	210-300	•	•	•		_		
Adhesive		310-400	•	•	•	•			
FELWA		410-500	•	•	•	•	•		
		20-100	•	_					
		110-200	•	•	_	_			
	10	210-300	•	•	•		_		
		310-400	•	•	•	•			
		410-500	•	•	•	•	•		

Felt Bumpers

Washers / Bumpers

Felt material typically used for oil applicators and air-tight gaskets are offered as cushioning washers.



Washers

Part Number						V					т
Туре	D					Selection	1				Selection
	8	0	3								
No Adhesive	10	0		4							
WFEP WFEH	12	0		4	6						3 WFEP
	15	0		4	6	8					WFEPA 4
Adhesive WFEPA	20	0			6	8	10	12			WFEHA
WFEHA	25	0			6	8	10	12	16	20	
	30	0			6	8	10	12	16	20	

 $^{^{\}star}\,\mathrm{T}$ dimension for Polyester Felt is 3 mm, for Polyamide Felt is 4 mm.

Bumpers

(L dimensions indicate the length of felt base materials. The values are for reference only.)

Part Number			L		v	
Туре	D		Selection		V	
No Adhesive	20	10	20	30	0	
BFEL	20	10	20	30	10	
Adhesive	30	10	20	30	0	
BFELA	30	10	20	อป	10	

O This product, especially L dimension 20 and 30, may deform due to the material propersion.

Part Number | Part Number | - V | - T

Characteristics of Felt

- 1. Excellent in weather resistance. (Affected by alkaline solution)
- $2. \, \text{Excellent in oil absorption.} \, \text{It has the property of soaking up oil by capillary action.} \\$
- 3. Excellent in oil retention capacity. It can absorb up to approx. 80% of its total volume.
- Has good polishing characteristics. Provides high polishing characteristics as it absorbs foreign materials within its tissue.

Example

Material	Details of Material	Application Example
Polyester Felt Sheet)	Felt made of 100% polyester Soft with Density of 0.18–0.2. General-Purpose Product	Applicable to general purpose use as oil / water absorption, cushion, etc.
olyester Felt With Binder)	PET:PET binder (bonding material) = 9:1 Fibers bonded together by the binder provides high morphological stability.	Protection material and bumper for portions exposed to high impact.
olyamide Felt	Felt made of 100% polyamide Excellent Heat / Flame Resistances UL Std. Test V–0 Equivalent	Heat-Resistant / Flame Retardant Bumpers
heep Wool Felt Rayon/PET)	A blend of 60 % sheep wool and 40% PET. JIS-R25W2 Standard product, excellent in oil/water retention ability	Cushion Material / Liquid Application (Oiling) / Spacer
heep Wool Felt	Felt made of 100% sheep wool Gives less damage to mating materials.	For Buffed Surface
Polyester Felt Bumper Type)	Density may vary depending on L dimensions.	Oil application to work piece

Part Number | - | L | - | V

- 10 - 10



20-100 110-200 210-300 310-400 410-500

110-200 210-300 310-400 410-500 20-100 110-200

No Adhesive FELH

^{*}The application examples above are references not guaranteed.