

List of packing materials for the YASKAWA Group

Packing material classification	Packing material name	Material			Products(Typical applications)																				Remarks				
					AC Drive				Servo amplifier		Servo motor		DD motor	Linear motor			Industrial motor			Controller		Robot							
		Material	Abbreviation	Numbering	Small 25kg (55 pounds) or under	Medium more than 25kg(55 pounds)	Large more than 250kg(550pounds)	Optional Accessories	Products	Option	Small 25kg(55 pounds) or under	Large more than 25kg(55 pounds)		Products	Serial converter	Accessory cable	Small 25kg(55 pounds) or under	Large 25kg(55 pounds) or more	Large wooden box	MP series	OP series	Robot body and controller and Accessories	Robot alone	Controller alone		Accessory cable	Robot body	Controller	Accessory cable
					yes 1.2kg	yes 6.5kg	yes 21.2kg	yes 0.4kg	yes 0.2kg	yes 0.3kg	yes 0.1kg	yes 0.4kg		yes 0.3kg	yes 0.1kg	yes 0.4kg	yes 0.3kg	yes 0.1kg	yes 0.9kg	yes 2kg	yes 0.3kg	yes 1.2kg	yes 8.3kg	yes 1.2kg		yes 1.2kg	yes 1.2kg	yes 1.2kg	yes 1.2kg
Individual boxes	Corrugated fiberboard box	Corrugated fibreboard	PAP	20	yes 1.2kg			yes 0.4kg	yes 0.2kg	yes 0.3kg	yes 0.1kg		yes 0.4kg	yes 0.3kg	yes 0.1kg				yes 0.3kg		yes 1.2kg	yes 8.3kg	yes 1.2kg	yes 1.2kg	yes 1.2kg	yes 1.2kg	yes 1.2kg		
	Carton pallet (Upper cardboard part)	Corrugated fiberboard	PAP	20		yes 6.5kg															yes 14.7kg	yes 8.3kg	yes 7kg						
	Carton pallet (Wooden skid part)	Wood	FOR	50		yes 21.2kg															yes 45.8kg	yes 19.4kg	yes 5kg						
	Wooden skid	Wood	FOR	50												yes 6kg					yes 41.2kg	yes 19.4kg	yes 5kg	yes 5kg					
	Resin made skid	Polypropylene	PP	5																	yes 10kg	yes 5kg	yes 5kg						
	Sealed wooden box	Wood	FOR	50			yes 73.3kg					yes 70kg						yes 131kg	yes 70kg	yes 115kg	yes 68kg	yes 5kg	yes 5kg	yes 5kg	yes 5kg	yes 5kg	yes 5kg		
Crate box	Wood	FOR	50																	yes 115kg	yes 68kg	yes 5kg	yes 5kg						
Interior materials	Corrugated fiberboard interior material	Corrugated fiberboard	PAP	20	yes 3.5kg			yes 0.1kg	yes 0.1kg	yes 0.1kg	yes 0.1kg		yes 0.7kg	yes 0.7kg	yes 0.2kg		yes 2.1kg	yes 3.5kg	yes 0.2kg	yes 3.5kg							yes 0.5kg	yes 0.5kg	
	Pulp mold	Paper	PAP	22	yes 0.06kg																								
	Foamed polyethylene cushioning material	Low density polyethylene	LDPE	4				yes 0.2kg						yes 0.2kg										yes 0.2kg	yes 0.2kg	yes 0.2kg			
	Foamed polystyrene(styrol) cushioning material	Polystyrene	PS	6				yes 0.2kg	yes 0.2kg											yes 0.2kg									
	Air bubble	Low density polyethylene	LDPE	4				yes 0.01kg								yes 0.01kg								yes 0.01kg	yes 0.01kg	yes 0.01kg			
	Kraft paper	Paper	PAP	22		yes 0.01kg	yes 0.01kg																						
Sheets	Poly Sheet	Low density polyethylene	LDPE	4																	yes 13.6kg	yes 13.6kg	yes 13.6kg	yes 13.6kg					
	Antistatic poly sheet	Low density polyethylene	LDPE	4	yes 0.01kg			yes 0.01kg																					
	Antistatic air cap sheet	Low density polyethylene	LDPE	4				yes 0.01kg		yes 0.01kg																			
Bags	Plastic bag	Low density polyethylene	LDPE	4		yes 0.3kg	yes 0.3kg	yes 0.01kg	yes 0.01kg	yes 0.01kg	yes 0.01kg	yes	yes 0.01kg	yes 0.01kg			yes 0.01kg	yes 0.01kg	yes 0.01kg	yes 0.01kg	yes 1kg	yes 0.5kg	yes 0.5kg	yes 0.5kg					
	Antistatic plastic bag	Low density polyethylene	LDPE	4				yes 0.01kg	yes 0.01kg	yes POR-207 0.01kg				yes 0.01kg						yes 0.01kg				yes 0.01kg	yes 0.01kg	yes 0.01kg			
	Plastic bag for accessories	Low density polyethylene	LDPE	4	yes 0.01kg	yes 0.01kg	yes 0.01kg	yes 0.01kg		yes 0.01kg		yes				yes 0.01kg	yes 0.01kg		yes 0.01kg										
	Plastic bag for instruction manual	Low density polyethylene	LDPE	4	yes 0.01kg	yes 0.01kg	yes 0.01kg		yes 0.01kg		yes 0.01kg		yes 0.01kg	yes 0.01kg			yes 0.01kg		yes 0.01kg										
	Air cap bag	Low density polyethylene	LDPE	4				yes 0.01kg																					
	Antistatic air cap bag	Low density polyethylene	LDPE	4				yes 0.01kg	yes 0.01kg	yes 0.01kg										yes 0.01kg									
Mats	Highly foamed polyethylene sheet	Low density polyethylene	LDPE	4	yes 0.01kg	yes 0.01kg				yes 0.01kg		yes				yes 0.01kg	yes 0.01kg		yes 0.01kg	yes 0.01kg	yes 0.01kg	yes 0.01kg		yes 0.01kg	yes 0.01kg				
Films	Stretch film	Low density polyethylene	LDPE	4																									
Labels	Packing label	Paper	PAP	22	yes 0.01kg	yes 0.01kg	yes 0.01kg	yes 0.01kg	yes 0.01kg	yes 0.01kg	yes 0.01kg	yes	yes 0.01kg	yes 0.01kg			yes 0.01kg	yes 0.01kg	yes 0.01kg	yes 0.01kg	yes 0.01kg	yes 0.01kg	yes 0.01kg	yes 0.01kg	yes 0.01kg	yes 0.01kg	yes 0.01kg	yes 0.01kg	
Tapes	Polypropylene tape	Polypropylene	PP	5	yes 0.01kg	yes 0.01kg	yes 0.01kg	yes 0.01kg	yes 0.01kg	yes 0.01kg	yes 0.01kg	yes	yes 0.01kg	yes 0.01kg			yes 0.01kg	yes 0.01kg	yes 0.01kg	yes 0.01kg	yes 0.01kg	yes 0.01kg	yes 0.01kg	yes 0.01kg	yes 0.01kg	yes 0.01kg	yes 0.01kg	yes 0.01kg	
Bands	Polypropylene band	Polypropylene	PP	5	yes 0.01kg																yes 0.01kg	yes 0.01kg	yes 0.01kg	yes 0.01kg					
	Polypropylene band stopper	Polypropylene	PP	5	yes 0.01kg																yes 0.01kg	yes 0.01kg	yes 0.01kg	yes 0.01kg					
	Metal stopper	Tin	FE	40	yes 0.01kg																yes 0.01kg	yes 0.01kg	yes 0.01kg	yes 0.01kg					
Hardware	Screw	Steel	FE	40	yes 0.02kg																yes 0.05kg			yes 0.05kg					
	Bolt	Steel	FE	40		yes 0.2kg					yes 0.5kg						yes 0.2kg	yes 0.5kg		yes 0.5kg	yes 0.1kg	yes 0.1kg							
	Nut	Steel	FE	40		yes 0.1kg					yes 0.08kg						yes 0.05kg	yes 0.08kg		yes 0.08kg	yes 0.1kg	yes 0.1kg							
	Flat washer	Steel	FE	40		yes 0.03kg	yes 0.03kg				yes 0.08kg						yes 0.02kg	yes 0.08kg		yes 0.08kg	yes 0.01kg	yes 0.01kg							
	Spring washer	Steel	FE	40		yes 0.01kg	yes 0.02kg				yes 0.03kg						yes 0.02kg	yes 0.03kg		yes 0.03kg	yes 0.01kg	yes 0.01kg							
	Square washer	Steel	FE	40																									
Nails	Nail	Steel	FE	40		yes 0.07kg	yes 0.07kg				yes 1.5kg						yes 0.07kg	yes 1.5kg		yes 1.5kg	yes 1.5kg	yes 1.5kg	yes 1.5kg	yes 1.5kg	yes 1.5kg	yes 1.5kg	yes 1.5kg		
	Springhead Nails	Steel	FE	40		yes 0.01kg														yes 0.01kg	yes 0.01kg								
	Staples	Steel	FE	40		yes 0.01kg	yes 0.01kg				yes 0.01kg						yes 0.01kg	yes 0.01kg		yes 0.01kg	yes 0.01kg	yes 0.01kg	yes 0.01kg	yes 0.01kg	yes 0.01kg	yes 0.01kg	yes 0.01kg		
Barrier material	aluminum-deposited PET film for Barrier Packaging	Polyethylene terephthalate	PET	1							yes 0.7kg						yes 0.7kg	yes 0.7kg	yes 0.7kg	yes 1.37kg	yes 0.7kg	yes 0.7kg	yes 0.7kg	yes 0.7kg	yes 0.7kg	yes 0.7kg	aluminum-deposited PET film for export packaging		