

Description

Solid polyamide 6 pallet truck rollers, hardness 70 Shore D; excellent values of rolling and impact resistance. Reduced deformation under load.

Hub with shielded ball bearings with interference assembly in the seats obtained by centre moulding; also available without bearings. Hub with plain bore hole which directly houses the axle.

Uses

Suitable for use on manual pallet trucks, also with humidity and highly aggressive chemical agents. Their excellent values of rolling resistance make the manual handling of heavy loads easier. It is specifically recommended for use in the food and canning industries.

Environments of use

Suitable for industrial environments, also in presence of humidity and chemical agents. Not recommended in areas with strong organic acids and concentrated mineral acids.

WEAK ACIDS			
STRONG ACIDS			
WATER			
ALCOHOL			

WEAK BASES			
STRONG BASES			
HYDROCARBONS			
SOLVENTS			



For information on the compatibility of the component wheel materials with specific aggressive chemical substances, see table at page 36.

Floors

Suitable for tiles and cement-resin. Not recommended in presence of obstacles. They may damage fragile flooring.














Force required to push or tow a wheel






 	100 kg	200 kg	300 kg	500 kg	600 kg	800 kg	1000 kg
82x60 mm	1.2	2.6	4.5	7	8.7	----	----
82x70 mm	1.2	2.5	3.8	6.5	7.9	10.8	----
82x90 mm	< 1	1.9	2.9	5.5	6	8.4	10.8
82x100 mm	< 1	1.7	2.6	5	5.5	7.5	9.7






For each load and diameter, the table indicates the force (in daN) needed to push or tow a single wheel at the constant speed of 4 km/h on smooth flooring. For manual handling of a 4-wheeled trolley we recommend diameters that have values < 5 daN, for frequent handling we recommend diameters with values < 3 daN.



												
mm	mm	kg	CODE	kg	CODE	mm	mm	mm	mm	daN	daN	daN
82	60	0.47	763011	0.23	761011	20	60	47	14	1000	335	700
82	70	0.49	763012	0.25	761012	20	70	47	14	1100	350	850
82	90	0.57	763014	0.33	761014	20	90	47	14	1300	450	1100
82	100	0.65	763015	0.41	761015	20	100	47	14	1400	500	1200



					
mm	mm	kg	CODE	mm	mm
50	55	0.12	760002	12	55

					
mm	mm	kg	CODE	mm	mm
40	43	0.05	760001	17	45

Options available to order



Rollers fitted with 25 mm bore ball bearings