



Freeman[®] Sheet Wax

for Tooling Systems



RenShape[®]
solutions
HUNTSMAN

Huntsman Advanced Materials distributes Freeman® 266 Thermo-Stable Sheet Wax as part of the RenShape® product range.

Freeman sheet wax is used to simulate sheet metal in the tooling process.

It is supplied in a range of thickness each to an accuracy of $\pm 0.025\text{mm}$.

Grade 266 gives resistance of up to 138°C for use with tooling resins that produce some, but not excessive exothermic, heat during cure.

It provides a firm surface and drapes well at room temperature, without tendency to spring-back.

The sheets have a self-adhesive backing for fast application.

Available sizes

PRODUCT	Thickness (mm)	Sheets/box	Sqm/box
SHEET WAX 266	0.20	10	1.86
	0.25	10	1.86
	0.30	10	1.86
	0.40	10	1.86
	0.50	10	1.86
	0.60	10	1.86
	0.70	10	1.86
	0.75	8	1.49
	0.80	8	1.49
	0.90	8	1.49
	1.00	8	1.49
	1.20	8	1.49
	1.25	8	1.49
	1.50	8	1.49

PRODUCT	Thickness (mm)	Sheets/box	Sqm/box
SHEET WAX 266	1.60	8	1.49
	1.75	8	1.49
	1.80	8	1.49
	2.00	8	1.49
	2.40	6	1.12
	2.50	6	1.12
	2.80	4	0.74
	3.00	4	0.74
	4.00	4	0.74
	5.00	3	0.56
	6.00	2	0.37
	7.00	2	0.37

PRODUCT	Thickness (inch)	Sheets/box	Sqm/box
SHEET WAX 266	0.018	10	1.86
	0.125	4	0.74
	0.140	4	0.74
	0.188	3	0.56
	0.250	2	0.37
	0.375	1	0.186

PRODUCT	Thickness (inch)	Length (inches)
WAX FILLET	1/8	1152
	1/4	292
	5/16	240
	3/8	190

© Freeman is a registered trademark of Freeman Mfg. & Supply Company

Application of Sheet Wax



1 Removing the backing paper from the self-adhesive wax sheet.



2 Positioning wax sheets onto model or tool. Use butt joints or the overlay and cut jointing technique.



3 Rolling to extrude air bubbles.



4 Accurately fitting subsequent pieces.



5 Consolidation of corners using filleting tools.



6 Repair of imperfections in joints by the use of a wax infill.

Produced by Tooling Global Marketing:

Huntsman Advanced Materials (UK) Ltd
Duxford, Cambridge,
CB2 4QA, U.K.

tel: +44 1223 832 121

fax: +44 1223 49 3230

www.renshape.com

All recommendations for use of our products, whether given by us in writing, verbally, or to be implied from the results of tests carried out by us, are based on the current state of our knowledge. Notwithstanding any such recommendations the Buyer shall remain responsible for satisfying himself that the products as supplied by us are suitable for his intended process or purpose. Since we cannot control the application, use or processing of the products, we cannot accept responsibility therefor. The Buyer shall ensure that the intended use of the products will not infringe any third party's intellectual property rights. We warrant that our products are free from defects in accordance with and subject to our general conditions of supply.