CARPET CUSHION COUNCIL

FACT SHEET

ROLL WEIGHTS FOR STANDARD LENGTH BONDED CARPET CUSHION

Bonded carpet cushion density specifications are furnished in pounds per cubic foot. To help aid in measuring density differences in bonded cushion, the chart below shows the standard weight per roll in pounds.

Product Density	Roll Size	Pounds Per Roll Product Thickness						
		1/4	5/16	3/8	13/32	7/16	15/32	1/2
4 lbs./cu.ft.	40 yards	–	–	44	48	52	56	60
5 lbs./cu.ft.	30 yards	–	–	42	45	49	52	56
6 lbs./cu.ft.	30 yards	–	42	50	54	59	63	67
7 lbs./cu.ft.	25 yards	32	40	49	53	57	61	65
8 lbs./cu.ft.	25 yards	37	46	56	60	65	70	75
10 lbs./cu.ft.	25 yards	47	58	70	–	–	–	–

Bonded carpet cushion rolls are typically six feet in width. Width, density and roll lengths are allowed manufacturing tolerance of plus or minus 5%.

CARPET CUSHION COUNCIL

FACT SHEET

To calculate variations from the roll sizes or thickness shown above use the following formulas.

DIFFERENT ROLL SIZE:

$$\frac{\text{Weight of roll}}{\text{Roll Size}} = \text{Weight per yard from the chart}$$

Weight per yard X roll size in yards = weight of roll you have (per the chart)

Example: 1/2 inch 5 lbs. 40 yards instead of 30 yards

$\frac{56 \text{ lbs}}{30}$ = 1.875 weight/yard X 40 = 75 lbs.

DIFFERENT THICKNESS:

If you have a thickness that is a 32nd of inch different –

$$\frac{\text{Weight per roll from chart 1/2" (16/32)}}{16} = \text{weight per 1/32"}$$

Weight per 1/32" X Thickness you have = Weight per roll

Example 11/32, 6 lbs. 30 yards

$\frac{67 \text{ lbs}}{16}$ = 4.187 lbs per 32" x 11 = 46 lbs. per roll

DIFFERENCE IN WEIGHT:

If you have a difference in the density for a particular thickness –

$$\frac{\text{Density of your roll}}{\text{Density below your roll}} = \text{Increased density factor}$$

Increased density factor x roll weight of the density below your roll = your roll weight.

Example: 6 1/2 lb. 7/16" 30 yard roll

$\frac{6\ 1/2 \text{ lbs.}}{6 \text{ lbs.}}$ = 1.083 density factor x 59 lbs = 64 lbs. per roll

CARPET CUSHION COUNCIL
CARPET CUSHION
CERTIFICATION PROGRAM

For more information, contact
The Carpet Cushion Council
23 COURTNEY CIRCLE
BRYN MAWR,
PA 19010
Phone: 610.527.3880
Fax: 610.527.8535
Email: carpetcushion@msn.com
Website: www.carpetcushion.org

carpet cushion council