

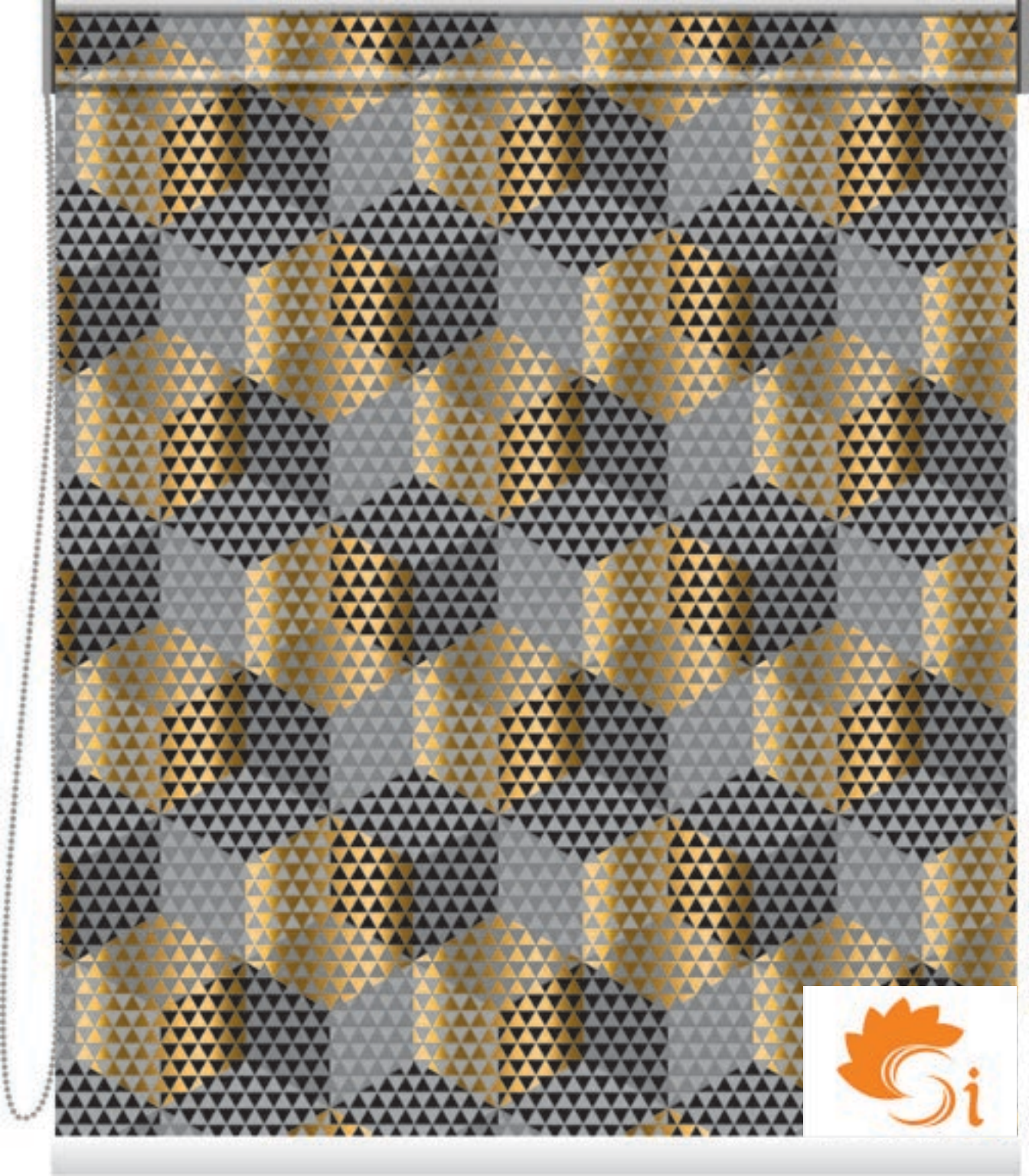


ANIMAL TRANSPORT

ANIMAL TRANS























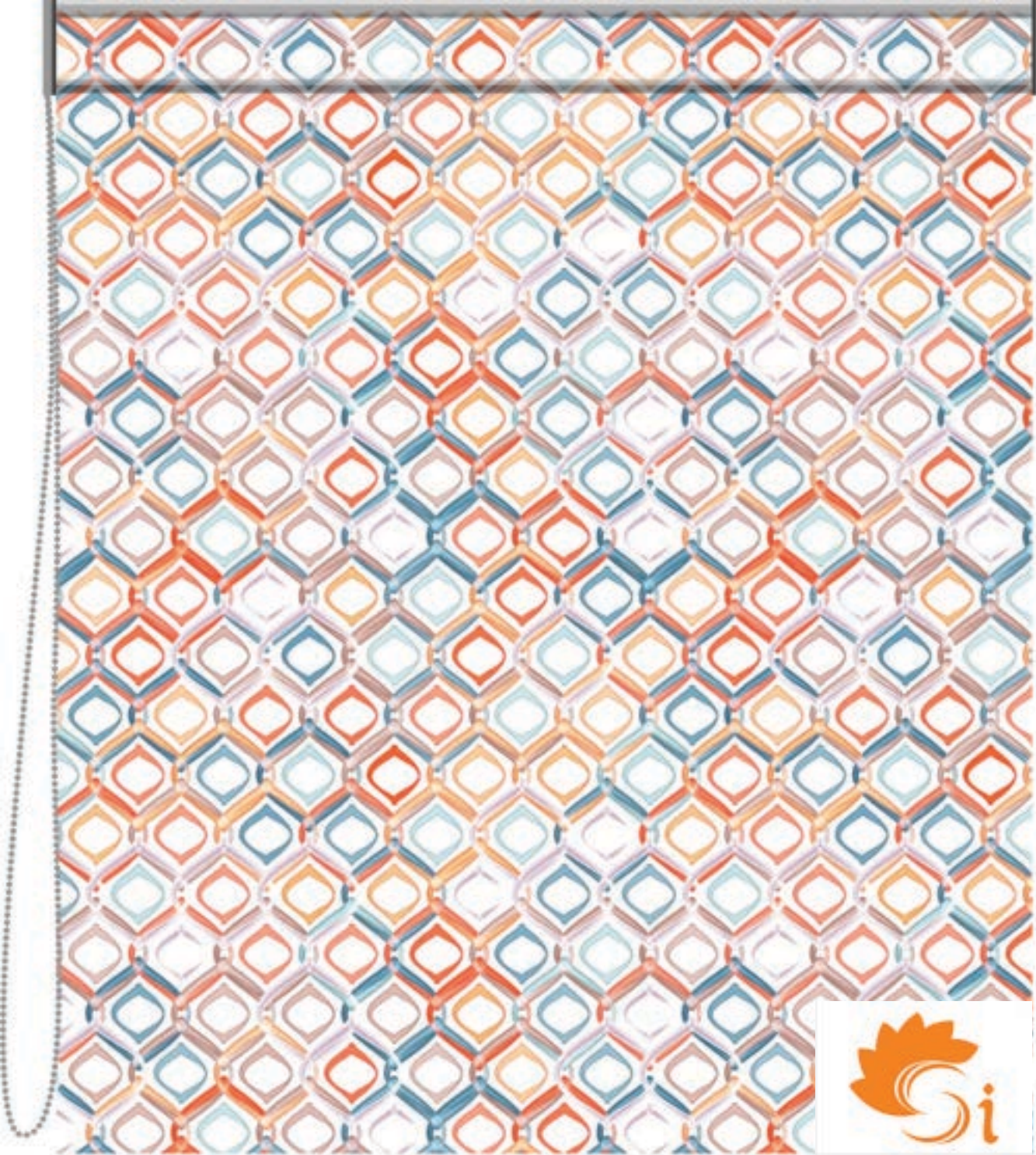




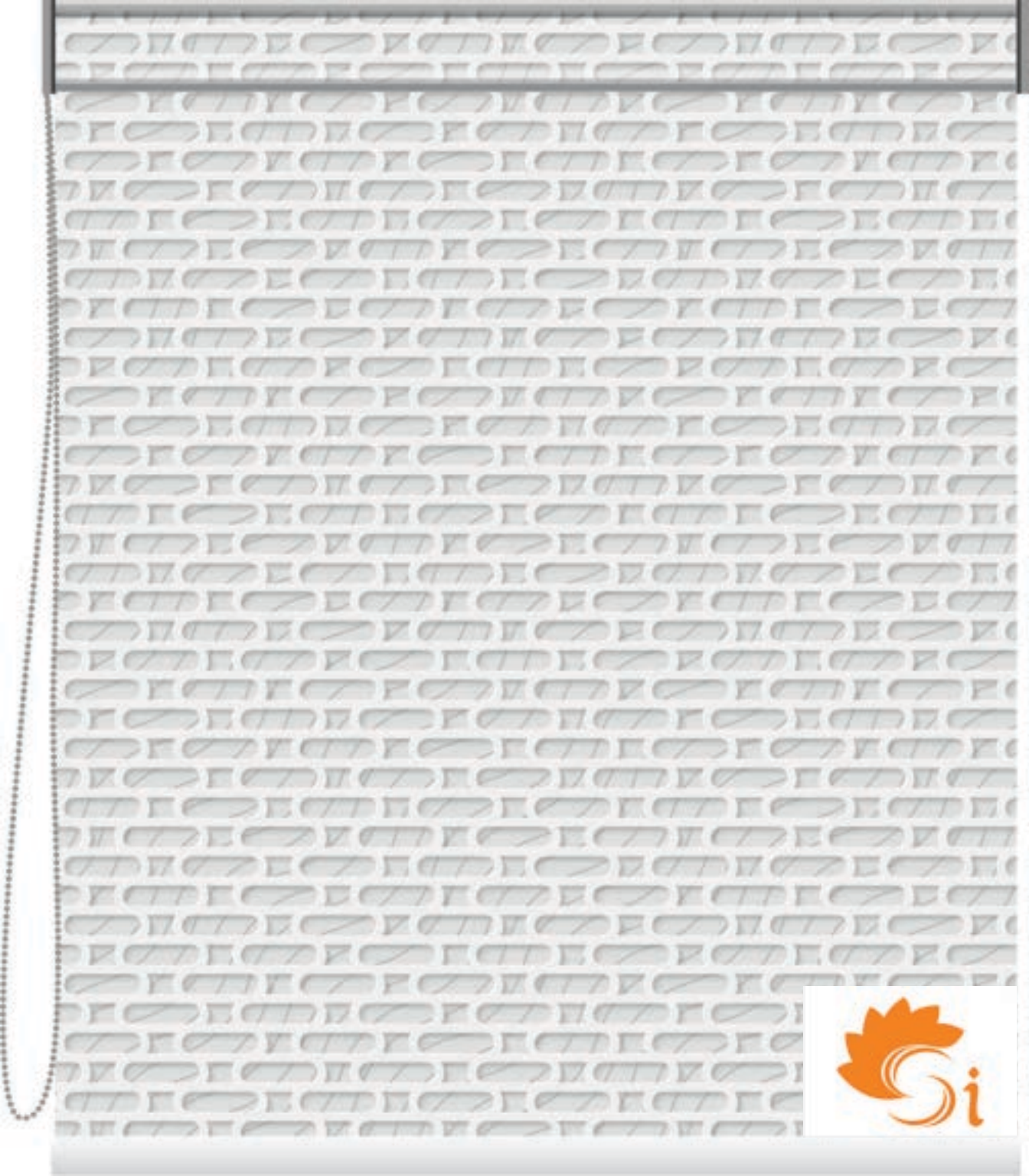




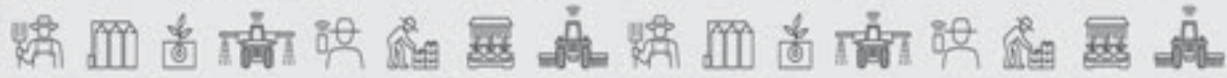




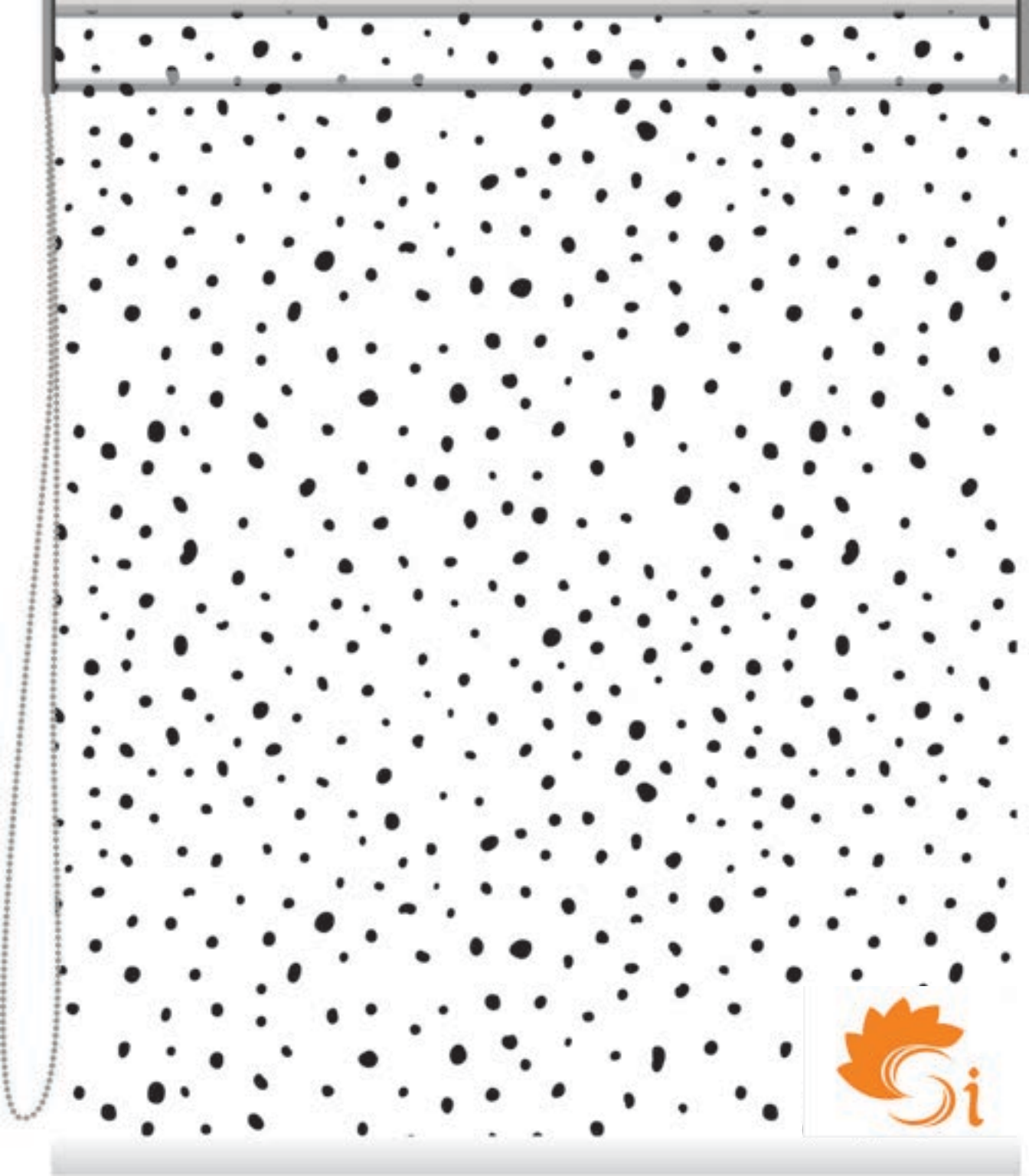






















$2\pi \int_0^{2\pi} \int_0^{\frac{\pi}{2}} \int_0^R r^2 \sin\theta \, dr \, d\theta \, d\phi$   
 $U_1 = 350016 \sin\alpha \quad \delta = 10.2 \text{ mm}^2$   
 $\Delta x = OA$   
 $\int_a^b x^2 \, dx = \frac{1}{3} x^3 \Big|_a^b$   
 $2 \cdot \sqrt{R^2 - (2\pi R \cos\theta)}$   
 $C = \frac{1}{6} \int_0^{\pi} \int_0^{2\pi} \int_0^R r^2 \sin\theta \, dr \, d\theta \, d\phi$   
 $C = \frac{1}{6} \int_0^{\pi} \int_0^{2\pi} \frac{1}{3} R^3 \sin\theta \, d\theta \, d\phi$   
 $C = \frac{1}{6} \int_0^{\pi} \frac{1}{3} R^3 \sin\theta \, d\theta \int_0^{2\pi} d\phi$   
 $C = \frac{1}{6} \cdot \frac{1}{3} R^3 \int_0^{\pi} \sin\theta \, d\theta \cdot 2\pi$   
 $C = \frac{1}{6} \cdot \frac{1}{3} R^3 \cdot 2\pi \cdot \int_0^{\pi} \sin\theta \, d\theta$   
 $C = \frac{1}{6} \cdot \frac{1}{3} R^3 \cdot 2\pi \cdot 2$   
 $C = \frac{1}{6} \cdot \frac{1}{3} R^3 \cdot 4\pi$   
 $C = \frac{2}{3} \pi R^3$

$2\pi \int_0^{2\pi} \int_0^{\frac{\pi}{2}} \int_0^R r^2 \sin\theta \, dr \, d\theta \, d\phi$   
 $U_2 = 350016 \sin\alpha \quad \delta = 10.2 \text{ mm}^2$   
 $\Delta x = OA$   
 $\int_a^b x^2 \, dx = \frac{1}{3} x^3 \Big|_a^b$   
 $2 \cdot \sqrt{R^2 - (2\pi R \cos\theta)}$   
 $C = \frac{1}{6} \int_0^{\pi} \int_0^{2\pi} \int_0^R r^2 \sin\theta \, dr \, d\theta \, d\phi$   
 $C = \frac{1}{6} \int_0^{\pi} \int_0^{2\pi} \frac{1}{3} R^3 \sin\theta \, d\theta \, d\phi$   
 $C = \frac{1}{6} \int_0^{\pi} \frac{1}{3} R^3 \sin\theta \, d\theta \int_0^{2\pi} d\phi$   
 $C = \frac{1}{6} \cdot \frac{1}{3} R^3 \int_0^{\pi} \sin\theta \, d\theta \cdot 2\pi$   
 $C = \frac{1}{6} \cdot \frac{1}{3} R^3 \cdot 2\pi \cdot \int_0^{\pi} \sin\theta \, d\theta$   
 $C = \frac{1}{6} \cdot \frac{1}{3} R^3 \cdot 2\pi \cdot 2$   
 $C = \frac{1}{6} \cdot \frac{1}{3} R^3 \cdot 4\pi$   
 $C = \frac{2}{3} \pi R^3$

$2\pi \int_0^{2\pi} \int_0^{\frac{\pi}{2}} \int_0^R r^2 \sin\theta \, dr \, d\theta \, d\phi$   
 $U_3 = 350016 \sin\alpha \quad \delta = 10.2 \text{ mm}^2$   
 $\Delta x = OA$   
 $\int_a^b x^2 \, dx = \frac{1}{3} x^3 \Big|_a^b$   
 $2 \cdot \sqrt{R^2 - (2\pi R \cos\theta)}$   
 $C = \frac{1}{6} \int_0^{\pi} \int_0^{2\pi} \int_0^R r^2 \sin\theta \, dr \, d\theta \, d\phi$   
 $C = \frac{1}{6} \int_0^{\pi} \int_0^{2\pi} \frac{1}{3} R^3 \sin\theta \, d\theta \, d\phi$   
 $C = \frac{1}{6} \int_0^{\pi} \frac{1}{3} R^3 \sin\theta \, d\theta \int_0^{2\pi} d\phi$   
 $C = \frac{1}{6} \cdot \frac{1}{3} R^3 \int_0^{\pi} \sin\theta \, d\theta \cdot 2\pi$   
 $C = \frac{1}{6} \cdot \frac{1}{3} R^3 \cdot 2\pi \cdot \int_0^{\pi} \sin\theta \, d\theta$   
 $C = \frac{1}{6} \cdot \frac{1}{3} R^3 \cdot 2\pi \cdot 2$   
 $C = \frac{1}{6} \cdot \frac{1}{3} R^3 \cdot 4\pi$   
 $C = \frac{2}{3} \pi R^3$

$2\pi \int_0^{2\pi} \int_0^{\frac{\pi}{2}} \int_0^R r^2 \sin\theta \, dr \, d\theta \, d\phi$   
 $U_4 = 350016 \sin\alpha \quad \delta = 10.2 \text{ mm}^2$   
 $\Delta x = OA$   
 $\int_a^b x^2 \, dx = \frac{1}{3} x^3 \Big|_a^b$   
 $2 \cdot \sqrt{R^2 - (2\pi R \cos\theta)}$   
 $C = \frac{1}{6} \int_0^{\pi} \int_0^{2\pi} \int_0^R r^2 \sin\theta \, dr \, d\theta \, d\phi$   
 $C = \frac{1}{6} \int_0^{\pi} \int_0^{2\pi} \frac{1}{3} R^3 \sin\theta \, d\theta \, d\phi$   
 $C = \frac{1}{6} \int_0^{\pi} \frac{1}{3} R^3 \sin\theta \, d\theta \int_0^{2\pi} d\phi$   
 $C = \frac{1}{6} \cdot \frac{1}{3} R^3 \int_0^{\pi} \sin\theta \, d\theta \cdot 2\pi$   
 $C = \frac{1}{6} \cdot \frac{1}{3} R^3 \cdot 2\pi \cdot \int_0^{\pi} \sin\theta \, d\theta$   
 $C = \frac{1}{6} \cdot \frac{1}{3} R^3 \cdot 2\pi \cdot 2$   
 $C = \frac{1}{6} \cdot \frac{1}{3} R^3 \cdot 4\pi$   
 $C = \frac{2}{3} \pi R^3$

















