

## Test-302

Item no: XM-6013 Heat Transfer Silver Reflective Tape,  $R \geq 380 \text{ cd}/(\text{lx m}^2)$

Roll size: 0.05 X100 meters /roll

Description: Specially for High Vis Clothing, Protecting clothing

Quality :Heat activator adhesive film

Standard: EN471 Class 2 Qualified

| Product     | XM-6013        |            |        |            |        |            |        |           |
|-------------|----------------|------------|--------|------------|--------|------------|--------|-----------|
| Observation | Entrance Angle |            |        |            |        |            |        |           |
| Angle       | 5              |            | 20     |            | 30     |            | 40     |           |
|             | Survey         | Standard   | Survey | Standard   | Survey | Standard   | Survey | Standard  |
| 12'         | 420            | $\geq 330$ | 389    | $\geq 290$ | 380    | $\geq 180$ | 330    | $\geq 65$ |
| 20'         | 356            | $\geq 250$ | 332    | $\geq 200$ | 300    | $\geq 170$ | 270    | $\geq 60$ |
| 1°          | 30             | $\geq 25$  | 32     | $\geq 15$  | 31     | $\geq 12$  | 30     | $\geq 10$ |
| 1°30'       | 16             | $\geq 10$  | 15     | $\geq 7$   | 14     | $\geq 5$   | 13     | $\geq 4$  |

### XM-6013 Heat Transfer Silver Reflective Tape testing results:

Wash performance

According to EN471, coefficient of retro-reflection R shall exceed  $100 \text{ cd}/(\text{lx m}^2)$  measured at observation angle  $12^\circ$  and entrance angle  $5^\circ$  after washing.

| Retro reflection performance after washing (The temperature of 60 degrees) |     |     |     |     |     |
|--|-----|-----|-----|-----|-----|
| Washing Circles  | 5   | 10  | 15  | 20  | 25  |
| Retro-reflection $\text{cd}/(\text{lx m}^2)$                               | 380 | 355 | 305 | 281 | 273 |
| Washing Circles  | 30  | 35  | 40  | 45  | 50  |
| Retro-reflection $\text{cd}/(\text{lx m}^2)$                               | 250 | 229 | 216 | 192 | 168 |

Test of Retro reflection meets the requirement of EN471  
After 25 times washing, no Breakage, detachment,

Lot number: 1320-032015

TEST DATE 03.06.2015