



FT 0900X

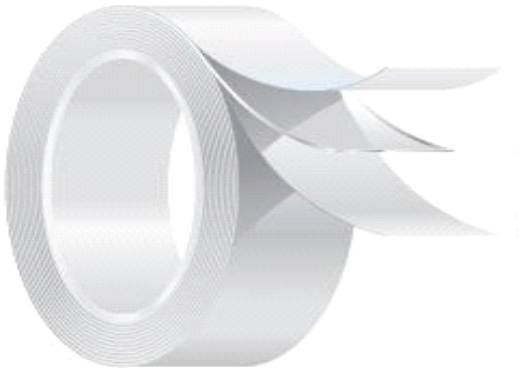
Avery Dennison™ FT 0900X is a 36 mil single coated black flock with a high performance low VOC acrylic adhesive. The adhesive bonds very well to low surface energy materials and the flock provides anti-squeak properties with high wear resistance. FT 0900X is commonly used in automotive applications and where low VOC properties are required.

FEATURES

- Single coated tape construction
- Low outgassing high performance modified acrylic adhesive
- Nylon flock facestock
- Poly coated kraft release liner

BENEFITS

- Functional tape that allows for die cutting
- Solvent free adhesive with good adhesion to low surface energy materials
- Good heat resistance
- High abrasion resistance and NVH reduction
- Good moisture stability and lay flat properties
- Two-year warranty



CONSTRUCTION:

Liner:

82# Natural Poly Coated Kraft

Adhesive:

Low VOC Acrylic

Carrier:

Flock

FT 0900X

| Adhesive Properties: | | Typical Values | | |
|------------------------------|------------|----------------|------|---------------|
| Thickness | ASTM D3652 | US Mils | MM's | Micron's (µm) |
| Liner | | 5.8 | 0.15 | 147 |
| Adhesive | | 4.8 | 0.12 | 122 |
| Carrier | | 31.0 | 0.79 | 787 |
| Total Caliper without Liner: | | 35.8 | 0.91 | 909 |
| Total Caliper: | | 41.6 | 1.06 | 1057 |

| Peel Adhesion | | ASTM D3330 | | |
|-------------------------------------|-------------|------------|-----------|--|
| 180° 12 in (300 mm) min @ Room Temp | | | | |
| Substrate | | Lbf / in | N / Meter | |
| SS | 72 hr dwell | 9.0 | 1,585 | |
| | | | | |
| | | | | |
| | | | | |
| ABS | 72 hr dwell | 10.0 | 1,761 | |
| | | | | |
| | | | | |
| | | | | |

| Loop Tack | | ASTM D6195 | | |
|---------------------------------------|---------|------------|-----------|--|
| 180° 32 in (508 mm) / min @ Room Temp | | | | |
| Substrate | | Lbf / in | N / Meter | |
| SS | Initial | 3.5 | 616 | |
| | | | | |
| | | | | |
| | | | | |

| Static Shear | | ASTM D3654 | | |
|---|-------------|-------------|--|--|
| 180° 1" sq (6.5 cm2) 1000 g @ Room Temp | | | | |
| Substrate | | Min to Fail | | |
| SS | 24 hr dwell | > 10,000 | | |
| | | | | |
| | | | | |
| | | | | |

| TEMPERATURES | ° F | ° C |
|---------------------------------|--------|--------|
| Minimum Application Temperature | 50° F | 10° C |
| Minimum Service Temperature | -40° F | -40° C |
| Maximum Service Temperature | 350° F | 175° C |

THE LISTED VALUES ARE TYPICAL AND NOT INTENDED TO SERVE AS PRODUCT SPECIFICATIONS

APPLICATION TECHNIQUES

- It is essential, as with all pressure-sensitive tapes, that the surface to which the tape is applied be clean, dry, and free of grease or oil
- Bond strength is dependent upon the amount of adhesive-to-surface contact developed
- Note that different pressure, time and temperature on different (film / rigid) surface achieves different performance

STORAGE / SHELF LIFE

- Two years when stored at 64-72°F (18-22°C) / 30-70% relative humidity, out of direct sunlight and in original packaging.

Please refer to Tapes.AveryDennison.com for complete terms and conditions, including warranty terms, relating to this product. You should periodically review the site as terms and conditions are subject to change without notice.

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