

## QT552 TECHNICAL DATA SHEET

**Product Description:** This double-sided tape consists of polyester film carrier, layered on both sides with a modified acrylic adhesive. It has a very good resistance against UV radiation, extreme temperatures, chemical, solvents and humidity. It is highly shear-resistant adhesion has excellent durability when attached to metal, varnish, and high energy surfaces. It has a good adhesive durability when attached to low energy surfaces. The adhesive is lined with a double-sided silicone paper.

**Areas of Use:** Used for the attachment of signs, covers, scales, metal and plastic films where high shear strength, adhesion and extreme temperature resistance are required. Used as a fixing aid in sail production and for attachment of bars and trims.

### Technical Data:

Carrier	Polyester film 12 micron
Overall thickness	110 microns
Liner	White Paper, both sides coated with silicone
Adhesive	Modified acrylic

Adhesive power (FINAT TM 1 – on stainless steel, one side covered with 50micron polyester film)

1 minute	17N/25 mm
20 minutes	24 N/25 mm
24 hours	30 N/25 mm

Shear strength FINAT TM 1 – on stainless steel, one side covered with 50micron polyester film)

23°C	> 300 hours
70°C	1 hour

Minimum application temperature	15°C
Temperature resistance	-40°C to +160°C, short periods up to +180°C
Shelf life (at 20°C and 50% relative humidity)	2 years

Resistance to solvents and chemicals:

With expert application resistant to most oils, grease, fuels, aliphatic solvents, weak acids, salts, and alkalis.

### Note

All technical data is based on average values. Statements, technical information and recommendations contained herein are based on test we believe to be reliable, but they are not to be construed in any manner as warranties expressed or implied. The user shall determine the suitability of the product for his intended use and the user assumes all risk and liability whatsoever in connection therewith.