PRODUCT DESCRIPTION
TAFTFLEX 6252 is a single component polyurethane based elastomeric sealant which cures under the effect of atmospheric humidity to form a flexible and resistant joint.

PRODUCT FEATURES
- Good Adhesion to a wide range of substrates.
- Cures rapidly to a permanently elastic consistency with excellent cut and tear resistance.
- Low odor, non-staining.
- Surface paintable with water, oil, and rubber based coatings.
- Non-corrosive.
- Provides shock resistance and vibration damping.
- Exhibits high recovery, making it ideal for sealing dynamically moving joints.
- Weather resistant.

TYPICAL APPLICATION AREAS
TAFTFLEX 6252 can be used for bonding different materials in the general industry. It adheres well without primer to concrete, wood, aluminum, most lacquered metals, polyester, glass, stone, etc.

SPECIFICATION

Item	Value
Chemical base	1-C polyurethane
Color	Black, white, grey
Cure mechanism	Moisture-curing
Density	1.15 ± 0.05 kg/l
Sagging (ISO 7390)	< 3mm
Application temperature	5°C -35°C
Skin formation time @ 23^0C, 50%RH*	Approx 50 mins
Curing speed* @ 23^0C, 50%RH	4 mm/24 hrs
Shore A hardness	55
Modulus at 100%	Approx 0.4 mpa
UV Resistance	Good
Water & salt spray resistance	Excellent
Shear Strength	1 N/mm^2
Tear Strength (DIN 53515)	Approx 12 N/ mm
Service temperature (Permanent)	-40°C to 90^0C

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Item	Value
Compatibility with paints	On cured sealant: • Water based paint – Yes • Solvent based paint – carry out test before hand
Modulus at 100 % (ISO 37)	Approx. 1 MPa
Modulus at break (ISO 37)	Approx. 2 MPa
Elongation at break (ISO 37)	> 400 %

APPLICATION METHOD
- Cleaning: Clean surface with a strong jet of compressed air, sandblast, or solvent to ensure the surface being clean, dry, free of oil, grease, and of sound quality.
- Activating/Priming: Activators and/or primers may be required to achieve optimal adhesion depending on the nature of substrates.
- Application of sealant: Cut tip to desired shape and size. Puncture airtight seal. Install with hand or power operated gun and extrude the sealant into the joint. Clean excess sealant using hard rubber plate or finger wet with soap solution.

CAULKING
TAFTFLEX 6252 can be applied by a manual or pneumatic gun. After application, use a putty knife to smooth the joint with soapy water. This product should be used within 24 hours of opening the cartridge or sausage; otherwise, the sealant could harden inside. Do not apply at a temperature under 5 °C. In cold weather, store the cartridges at about 20 °C before use. Avoid any contact with non-cured MS, hybrid PU or silicone sealants as well as with alcohols or ammonia during curing.

PACKAGING STANDARD
310ml cartridge, 600ml sausage

CLEANING METHOD
Always clean the bonding substrates with appropriate cleaning agent prior to applying the polyurethane adhesive. This will ensure good bonding integrity when fully cured.

STORAGE CONDITIONS

Store polyurethane sealant in a cool and dry area (15-25⁰C), away from direct sunlight. Storing this product otherwise may reduce shelf life and affects physical properties adversely. Do not store the polyurethane for more than 30^0C as it may affect the viscosity of the compound and making it difficult for caulking. This product has 12 months shelf life if stored at the recommended temperature.

HANDLING PRECAUTION

- Refer to Safety Data Sheet (MSDS) before using this product.
- Always wear personal safety gears when handling this product. (Impervious gloves, eyes protection goggles, respiratory mask.)

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