

DUROSIL FIRE High temperature fire resistant silicone, rated up to +300 °C



TECHNICAL SPECIFICATIONS

Base	Silicone acetate
Color	Non paintable Red
Skin formation time	7 - 15 min. at (23 °C and 50% R.H.)
Curing rate	4 mm / day at (23 °C and 50% R.H.)
Temperature resistance	From -60 °C to +300 °C
Application temperature	From +5 °C to +40 °C
Shore-A hardness (3s)	25 ± 2
Elongation at break (ASTM D412)	400%
Shrinkage	Negligible
Tensile strength at break (ASTM D412)	2.80 MPa

CONSUMPTION

Indicatively, one 310ml cartridge fills 8 linear meters of 6x6mm joint (width by depth).

STORAGE

Store in places protected from low temperatures and away from any heat source, for at least 12 months from production date.

SAFETY DIRECTIONS

The product needs no hazard labeling under current European and national legislation. However, it is recommended to keep away from the reach of children. If swallowed, seek medical advice and show the container or label. Before use, refer to the cautions on the product packaging or the Material Safety Data Sheet.

NOTE

After hardening, the product is harmless to health.

PACKAGING

Carton box with 12 tubes of 80ml each one (blister tube)
Carton box with 12 cartridges of 310ml each one

PROPERTIES

Silicone that is rated for up to +300 °C. Suitable for flexible sealing and bonding that is subjected to high thermal stresses.

It is highly durable to a vast range of chemicals, while creating unbreakable bonding on steel, iron and stainless steel. Resistant to oils, grease, gear oils, water, antifreeze fluids.

APPLICATIONS

DUROSTICK DUROSIL FIRE is ideal for creating engine gaskets (cars, motorcycles, boats, etc.), and for repairing pumps, valve covers and exhaust pipes, leaking car radiators (pic.3) etc. Essential for sealing joints in the process of constructing ovens, boilers (pic.1), water heater installations and air condition units, vents as well as washing ma-

chines. It prevents smoke leaks from wood stove (pic.2) duct joints.

LIMITATION OF USE

Not recommended for application on materials made of lead, copper, bronze and zinc, as well as marble, concrete and plaster. During its polymerization process, the product releases acetic acid that erodes the above materials

USE

1. Surface preparation

The substrate must be dry and free of oils, grease and dust.

2. Application

Place the nozzle in the joint and press (when working with a blister tube). Joints to be filled should be no less than 3mm and no more than 40mm wide.



pic. 1



pic. 2



pic. 3