



HYLOC SR01

Technical Data Sheet

Product Description

SR01 is a 2 component gap-filling cyanoacrylate especially developed for the bonding and rapid repair of a wide range of substrates. Maximum gap filling (2mm) with minimal shrinkage combined with accuracy provided by the static mixer make SR01 a perfect gap-filling repair product and bonder.

Product Properties

Technology	Cyanoacrylate
Chemical Type	2-Ethyl cyanoacrylate
Appearance (Part A)	Clear/Cloudy Gel
Appearance (Part B)	WhiteGel
Appearance (Mixed)	Cream Opaque Gel
Viscosity (Part A)	175,000-220,000 mPa·s
Viscosity (Part B)	60,000-80,000 mPa·s
Cure System	Component mixing
Open time at 25 °C	3-4 minutes
Working Time at 25 °C	10 Minutes

Fixture Times

Mild Steel	5-10 seconds
Grit Blasted Mild Steel	10-15 seconds
Stainless Steel	15-20 seconds
Aluminium	5-10 seconds
Polycarbonate	10-15 seconds
ABS	20-30 seconds
PMMA	70-90 seconds
Pine Wood	30-45 seconds
Beech Wood	7-15 seconds

Note:

The data contained herein are for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control. It is the user's responsibility to determine the suitability for use in their specific application. Xtraloc recommend each user test their proposed application before repetitive use, this data sheet is merely a guide. Xtraloc Limited accepts no liability arising out of the use of this information of the products described herein.

Bonding Performance

Tensile shear strength according to ISO4587.

Mild Steel	15-18 N/mm ²
Grit Blasted Mild Steel	18-20 N/mm ²
Stainless Steel	14-16 N/mm ²
Aluminium	5-7 N/mm ²
Polycarbonate	7-12 N/mm ²
ABS	9-13 N/mm ²
PMMA	8-11 N/mm ²
Pine Wood	10-14 N/mm ²
Beech Wood	13-16 N/mm ²

Storage Conditions

Recommended Storage Temperature is 2-10 °C. Maximum storage temperature is 25°C. Shelf life at the recommended temperature (unopened) is 9 months

Plastic containers do not offer a complete barrier, store product away from other chemicals and sources of humidity. Strong light exposure can discolour products.