



# SKILCRAFT® 3D WATER SOLUBLE SUPPORT

## 3D FILAMENTS Technical Data Sheet

### Product Description

SKILCRAFT® 3D Water Soluble Support is a support material that helps broaden the potential of 3D printing. Depending on the specific 3D printing technology and the complexity of the 3D model, intricate 3D prints may require support structures. 3D Water Soluble Support allows you to print your piece with the opportunity to rinse-away supports. Used only as a support material with Modified PLA, PET, PETG, ABS and Nylon.

### Features & Benefits

- Wash away supports easily and quickly
- No more “support stubble” with a quick soak of water and dissolves in water
- Easy extrusion
- High printing density and excellent heat creeping resistance

### Material Properties

PROPERTIES	WATER SOLUBLE SUPPORT
TOLERANCES	+ 0.003” / -0.003”
PRINTING TEMP.	205-240C
BED TEMP.	50-90C
LEVEL	EXPERT

### Uses & Application

Water Soluble support can help broaden the potential of 3D printing when material must be deposited on a layer where there was not a previous layer. This is common in more complex and intricate models which include deep overhangs or hollow structures.

### Packaging Options

- Filament Sizes Available: 1.75/2.88mm
- Spool Weight: 1 KG (standard) and 5 lbs. (on request).
- Filament spools are clear polycarbonate for easy viewing of remaining material and to enable warming of filament prior to printing reducing moisture.
- Filament comes with desiccants in the packaging and a resealable bag.

### About NCSS and SKILCRAFT 3D Filaments

SKILCRAFT 3D Filaments are premium quality, high performance US-made 3D printing filaments provided by North Central Sight Services (NCSS) exclusively for the federal government. All assembly, packing and order fulfillment services are provided by NCSS. SKILCRAFT® is a registered trademark owned and licensed by National Industries for the Blind. Learn more at [www.fed3Dsupply.com](http://www.fed3Dsupply.com) and find SKILCRAFT 3D Filaments on [www.gsaadvantage.gov](http://www.gsaadvantage.gov) under NCSS GSA Contract #47Q5MA18D08P8.