

PRODUCT INFORMATION



IDENTIFICATION AND PROTECTION SYSTEMS

Product Reference: **05L**

OSFF FULLY FLUORINATED SILICONE

Siegrist OSFF is a flexible, fluorsilicone rubber sleeving, that exhibits excellent fluid resistance.

OSFF is designed to resist most hydrocarbon and silicone fluids, and is serviceable over a very wide temperature range.

FEATURES:

- * Excellent swelling resistance to most commonly used fuels, oils and solvents.
- * Capable of use at temperatures of -63°C to + 175° C, under fluid immersion conditions.
- * Pigmentable to almost any colour shade required.
- * Can be supplied in continuous lengths, or as sleeves cut to customer requirement.

ORDERING INFORMATION AND DIMENSIONS (MM)

| Siegrist Part No | Inside Diameter (mm) | Wall Thickness (mm) |
|------------------|----------------------|---------------------|
| FFP05/05 | 0.5 | 0.5 |
| FFP075/05 | 0.75 | 0.5 |
| FFP10/05 | 1.0 | 0.5 |
| FFP15/05 | 1.5 | 0.5 |
| FFP20/05 | 2.0 | 0.5 |
| FFP25/05 | 2.5 | 0.5 |
| FFP30/05 | 3.0 | 0.5 |
| FFP40/05 | 4.0 | 0.5 |
| FFP50/05 | 5.0 | 0.5 |

NB: Other sizes available upon request.

The minimum number of cut sleeves is that number obtained from a 100M coil.
11 Standard Colours, but other colours available.

TYPICAL PROPERTIES

| Property (units) | Test Method | Value |
|---------------------------------------|-------------|-------|
| Tensile Strength (MPa) | ASTM D412 | 7.75 |
| Elongation (%) | ASTM D412 | 275 |
| Specific Gravity | ASTM D792 | 1.47 |
| Durometer Hardness (Shore A-2) | ASTM D2240 | 60 |
| Compression Set (%) | ASTM D395 | 22 |
| Volume Swell in ASTM Reference Fuel B | | |
| 24 hrs/23 C (%) | ASTM D471 | 20 |
| Shrink | CTM 0157 | 3.5 |

NB: The values above are based on a Test Specimen 0.075" thick, press cured at 5 min/116 C, and post cured at 8 hrs/200 C.

Note: Fluorosilicone elastomers are not recommended for use with ketones and phosphate esters.

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