



Technical Data Sheet

Freeman Print-Sil Pad Printing Silicone

Freeman Print-Sil Pad Printing Silicone were formulated for long-lasting performance across thousands of imprints, offering high precision material that maintains print clarity, ensuring crisp, accurate prints. Hardness can be easily adjusted using our silicone fluid to tailor print pad to ensure the right balance of flexibility and resilience.

Properties	Print-Sil 95	Print-Sil 40	Print-Sil 20
Color	Salmon	Translucent	Blue
Viscosity (cps)	30,000	12,000	12,000
Mix Ratio (by weight)	10:1	1:1	1:1
Gel Time (min)	60-90	35	35
Demold Time (hr)	24	1	1
Specific Gravity (g/cc)	1.1	1.1	1.1
Volumetric Yield (in ³ /lb.)	25.1	25.1	25.1
Hardness (Shore A)	25	22	22
Tensile Strength (psi)	1,100	900	900
Elongation (%)	650	900	800
Tear Strength (pli)	130	150	150

Silicone Fluid %	Shore Hardness	Shore Hardness	Shore Hardness
0%	25A	20A	20A
5%	20A	16A	16A
10%	17A	13A	13A
15%	14A	10A	10A
20%	13A	9A	9A
25%	9A	6A	6A

The user shall determine the suitability of this product for their application and assumes all risks and liabilities associated with the use of this product. The exclusive remedy for all proven claims is replacement of our materials only and in no event shall Freeman Mfg. & Supply Co. be liable for special, incidental, or consequential claims.

READ SAFETY DATA SHEETS AND PRODUCT LABELS BEFORE USING PRODUCT