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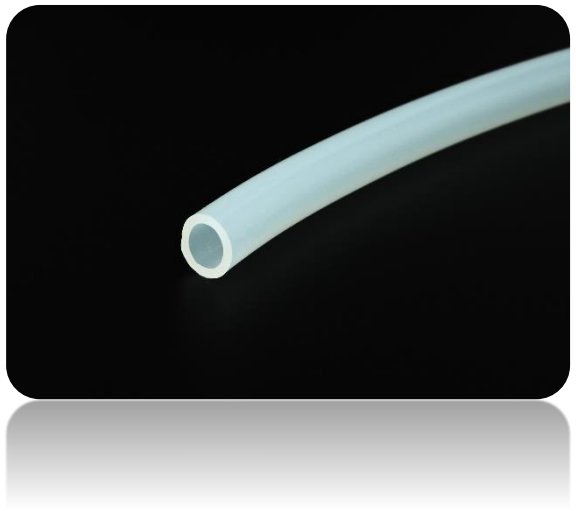
# TRANSPARENT SH60 SILICONE HOSE



The SHORE 60 transparent silicone hose is lightweight, flexible, and smooth. Its transparency allows for easy monitoring, making it ideal for various applications. This durable hose ensures reliable performance in diverse environments. Sizes from 0,5mm – 130mm

## Material:

Transparent silicone

## Temperature range:

- -50°C – +200°C

## Conform to:

- FDA CFR title 21, part 177.2600; BfR XV "Silicone"
  Biological compatibility according to ISO 10993-5 and USP Class VI KTW, DVGW W270, WRAS

| Characteristic | Test Method | Unit | Limits | Typical value |
|---|---|---|---|---|
| Material | ASTM D 1418 | Abbr. | VMQ | VMQ |
| Density | DIN EN ISO 1183-1 A | g/cm³ | 1,15 ± 0,03 | 1,16 |
| Colour | Visual | — | — | Transparent |
| Hardness | DIN ISO 48-4 | Shore® A | 60 ± 5 | 60 |
| Tensile strength | DIN 53504 - S2 | MPa | ≥ | 9 |
| Elongation at break | DIN 53504 - S2 | % | ≥ | 600 |
| Tear resistance | ASTM D 624 B | N/mm | ≥ | 35 |
| Compression set | DIN ISO 815-B 22h / 175°C / 25% | % | ≤ | 25 |
| Operating temp. range | — | °C | — | -50 — +200 |