



KONGSBERG
AUTOMOTIVE

UltiPure®
FLUID TRANSFER SYSTEMS



PROPERTIES

| | |
|---------------------|---|
| APPLICATION | FOR INDUSTRIAL PROCESS APPLICATIONS- PHARMACEUTICAL, BIO-TECH, FOOD & BEVERAGE, GENERAL PURPOSE INDUSTRIAL |
| DESIGN | 1/2" - 2" MANUFACTURED OF SMOOTHBORE PFA CORE WITH INTEGRATED AND ADHERED SS WIRE REINFORCING BRAID AND PLATINUM CURED SILICONE JACKET |
| INNER LAYER | FDA APPROVED VIRGIN OR ANTI-STATIC PFA TUBE |
| OUTER LAYER | PLATINUM CURED SILICONE WITH INTEGRATED STAINLESS WIRE REINFORCING BRAID |
| TEMPERATURE MIN/MAX | -65°C TO +204°C (-65°F TO +400°F) |
| MATERIAL | PFA CORE, SILICONE OUTER JACKET |
| CERTIFICATION | PFA IN COMPLIANCE; FDA, USP CLASS VI, FREE OF TSE, BSA, AND ADI AS DEFINED IN EMEA/410/01 |
| OTHER | ANTISTATIC LINERS ARE AVAILABLE FOR THE ULTI PURE RANGE FOR WHEN ELECTRICALLY RESISTIVE FLUIDS ARE BEING TRANSFERRED AT HIGH FLOW RATES |

PRODUCT DESCRIPTION

UltiPure® – Flexible, smoothbore PFA core silicone jacketed hose range. Where smoothbore is needed for processing and cleaning inside and silicone jacketing needed outside to ensure ease of cleaning and minimize contamination. Ultipure provides the flexibility and process compatibility of silicone hose with the additional chemical resistance of PFA inner core.



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YOUR FLEXIBLE PTFE HOSE PARTNER // WWW.KAHOSE.COM



UltiPure®

| PART NUMBER | DESCRIPTION | ID NOMINAL | | OD NOMINAL | | WORKING PRESSURE AT 20°C/70°F | | MIN. BURST PRESSURE AT 20°C/70°F | | MIN. INSIDE BEND RADIUS STATIC | | MIN. INSIDE BEND RADIUS DYNAMIC | | VACUUM RATING | | WEIGHT | |
|-------------|------------------|------------|------|------------|------|-------------------------------|------|----------------------------------|------|--------------------------------|------|---------------------------------|------|---------------|-----|--------|-------|
| | | mm | in | mm | in | psi | bar | psi | bar | mm | in | mm | in | psi | bar | kg/m | lb/ft |
| T5050-08 | 1/2" UltiPure® | 12,70 | 0,50 | 20,6 | 0,81 | 300 | 20,6 | 1200 | 82,6 | 3,81 | 1,50 | 11,4 | 4,50 | 400 | 204 | 0,30 | 0,20 |
| T5050-12 | 3/4" UltiPure® | 19,00 | 0,75 | 28,7 | 1,13 | 300 | 20,6 | 1200 | 82,6 | 6,35 | 2,50 | 13,2 | 5,20 | 400 | 204 | 0,57 | 0,38 |
| T5050-16 | 1" UltiPure® | 25,40 | 1,00 | 37,6 | 1,48 | 250 | 17,2 | 1000 | 68,9 | 10,2 | 4,00 | 16,5 | 6,50 | 250 | 121 | 0,94 | 0,63 |
| T5050-24 | 1 1/2" UltiPure® | 38,10 | 1,50 | 50,8 | 2,00 | 200 | 13,7 | 800 | 55,1 | 17,8 | 7,00 | 23,1 | 9,10 | 250 | 121 | 1,30 | 0,88 |
| T5050-32 | 2" UltiPure® | 50,80 | 2,00 | 63,5 | 2,50 | 100 | 10,3 | 600 | 41,3 | 17,8 | 7,00 | 23,1 | 9,10 | 150 | 65 | 1,90 | 1,30 |

| PART NUMBER | DESCRIPTION | ID NOMINAL | | OD NOMINAL | | WORKING PRESSURE AT 20°C/70°F | | MIN. BURST PRESSURE AT 20°C/70°F | | MIN. INSIDE BEND RADIUS STATIC | | MIN. INSIDE BEND RADIUS DYNAMIC | | VACUUM RATING | | WEIGHT | |
|-------------|-----------------------------|------------|------|------------|------|-------------------------------|------|----------------------------------|------|--------------------------------|------|---------------------------------|------|---------------|-----|--------|-------|
| | | mm | in | mm | in | psi | bar | psi | bar | mm | in | mm | in | psi | bar | kg/m | lb/ft |
| T5060-08 | 1/2" UltiPure® Antistatic | 12,70 | 0,50 | 20,6 | 0,81 | 300 | 20,6 | 1200 | 82,6 | 3,81 | 1,50 | 11,4 | 4,50 | 400 | 204 | 0,30 | 0,20 |
| T5060-10 | 3/4" UltiPure® Antistatic | 19,00 | 0,75 | 28,7 | 1,13 | 300 | 20,6 | 1200 | 82,6 | 6,35 | 2,50 | 13,2 | 5,20 | 400 | 204 | 0,57 | 0,38 |
| T5060-16 | 1" UltiPure® Antistatic | 25,40 | 1,00 | 37,6 | 1,48 | 250 | 17,2 | 1000 | 68,9 | 10,2 | 4,00 | 16,5 | 6,50 | 250 | 121 | 0,94 | 0,63 |
| T5060-24 | 1 1/2" UltiPure® Antistatic | 38,10 | 1,50 | 50,8 | 2,00 | 200 | 13,7 | 800 | 55,1 | 17,8 | 7,00 | 23,1 | 9,10 | 250 | 121 | 1,30 | 0,88 |
| T5060-32 | 2" UltiPure® Antistatic | 50,80 | 2,00 | 63,5 | 2,50 | 100 | 10,3 | 600 | 41,3 | 17,8 | 7,00 | 23,1 | 9,10 | 150 | 65 | 1,90 | 1,30 |

