

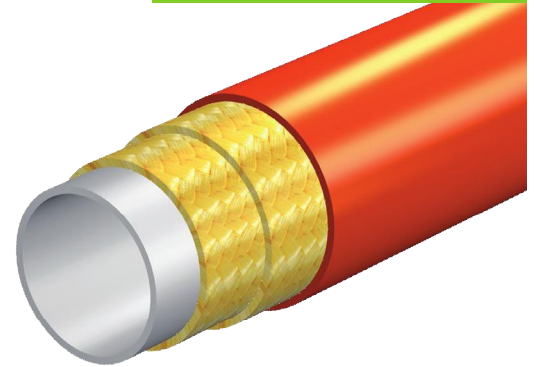
R8 Superiore alle normative **SAE 100R8 - ISO 3949.2**
Over the requirements of **SAE 100R8 - ISO 3949.2** norms

Serie **FK18050**
Series

POLIESTERE TERMOPLASTICO
Thermoplastic polyester
Thermoplastisches Polyester-Elastomer

N. 2 STRATI IN FIBRA ARAMIDICA
2 layers of braided aramid fibers
2 Aramidgeflechte

POLIURETANO ANTIABRASIONE NON MICROFORATO
Not pin pricked anti-abrasion polyurethane
Polyurethan abriebfest, nicht geprickt



DATI TECNICI

Technical Specifications • Technische Daten

| INCH | mm | mm | | MPa | bar | psi | MPa | bar | psi | bar | | | mm | gr/m | | | | | | | |
|------|------|------|----------|------|------------|------|-----|-------------|-------|-----|-----|-------|-----|-------|--|--|--|--|--|--|--|
| 1/8 | 4,0 | 8,3 | FK18050A | 36,2 | 362 | 5249 | 145 | 1450 | 21025 | 725 | 4:1 | ±1,5% | 15 | 50,5 | | | | | | | |
| 3/16 | 5,0 | 9,3 | FK18050B | 36,2 | 362 | 5249 | 145 | 1450 | 21025 | 725 | 4:1 | ±1,5% | 22 | 63,0 | | | | | | | |
| 1/4 | 6,6 | 12,5 | FK18050C | 36,2 | 362 | 5249 | 145 | 1450 | 21025 | 725 | 4:1 | ±1,5% | 30 | 104,5 | | | | | | | |
| 5/16 | 8,0 | 14,3 | FK18050D | 35,0 | 350 | 5075 | 140 | 1400 | 20300 | 700 | 4:1 | ±1,5% | 40 | 125,5 | | | | | | | |
| 3/8 | 9,7 | 16,5 | FK18050E | 30,0 | 300 | 4350 | 120 | 1200 | 17400 | 600 | 4:1 | ±1,5% | 70 | 147,5 | | | | | | | |
| 1/2 | 13,0 | 20,5 | FK18050F | 25,0 | 250 | 3625 | 100 | 1000 | 14500 | 500 | 4:1 | ±1,5% | 90 | 226,5 | | | | | | | |
| 5/8 | 16,4 | 24,0 | FK18050G | 20,0 | 200 | 2900 | 80 | 800 | 11600 | 400 | 4:1 | ±1,5% | 130 | 277,0 | | | | | | | |
| 3/4 | 19,5 | 27,5 | FK18050H | 16,2 | 162 | 2349 | 65 | 650 | 9425 | 325 | 4:1 | ±1,5% | 150 | 339,0 | | | | | | | |
| 1 | 26,0 | 34,2 | FK18050I | 14,0 | 140 | 2030 | 56 | 560 | 8120 | 280 | 4:1 | ±1,5% | 190 | 424,5 | | | | | | | |

TEMPERATURE TEMPERATURE RANGE TEMPERATURBEREICH

Per fluidi idraulici
For hydraulic fluids • Für Hydrauliköle
-40°C (-40°F); +93°C (+199°F)

Per fluidi a base acquosa e aria
For water based fluids and air
Für Flüssigkeiten auf Wasserbasis
und Luft
Max +65°C (+149°F)

RACCORDI FITTINGS ARMATUREN

A pressione e recuperabili
Swage and reusable fittings
Preß- und Schraubarmaturen

POSSIBILI APPLICAZIONI APPLICATIONS ANWENDUNG

Oleodinamica, alta pressione con
prescrizione di alto isolamento
High pressure hydraulics with high
insulation
Höchdruckanwendungen bei hoher
Isolationsanforderung

DIAMETRO INTERNO
Hose I.D. • Innendurchmesser

DIAMETRO ESTERNO
Hose O.D. • Außendurchmesser

CODICE
Part Number • Artikel-nr

PRESSIONE MINIMA DI SCOPPIO
Minimum Burst Pressure
Minimaler Berstdruck

PRESSIONE MAX DI LAVORO
Maximum Working Pressure
Maximaler Betriebsdruck

PRESSIONE DI PROVA
Test Pressure • Prüfdruck

COEFFICIENTE DI SICUREZZA
Safety Factor • Sicherheitsfaktor

ALLUNGAMENTO A PRESSIONE DI ESERCIZIO
Change in Length At Working Pressure
Längenänderung Bei Betriebsdruck

MINIMO RAGGIO DI PIEGATURA MECCANICA
Minimum Mechanical Bending Radius
Kleinster Biegeradius Mechanisch

PESO
Hose Weight • Gewicht

NOTE NOTES • BEMERKUNGEN

I dati indicati sono riferiti a condizioni standard di prova (23°C+/-5°C)
Features are referred to standard laboratory conditions (23°C+/-5°C)
Die Daten beziehen sich auf Standardprüfbedingungen (23°C+/-5°C)